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NATIONAL PHOTOGRAPHIC  
INTERPRETATION CENTER

**OAK**

**PHOTOGRAPHIC INTERPRETATION REPORT**

**KH-4 MISSION 1115**

**IPIR NUMBER 2**

**MISSION 1115-2 OAK**

**17-29 SEPTEMBER 1971**

25X1

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DECLASS REVIEW by NIMA/DOD

TCS-20445/71

OCTOBER 1971

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GROUP 1: EXCLUDED FROM  
AUTOMATIC DOWNGRADING  
AND DECLASSIFICATION

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**TARGET CATEGORIES  
AND  
ASSOCIATED NTP FUNCTIONAL AREAS (CODES)**

**1. STRATEGIC SSM**

Deployed Strategic SSM Facilities (A)

**2. MISSILE RANGES**

Missile Ranges: Strategic SSM/Space Facilities (P)

Missile Ranges: Air-Launched Missile Facilities (Q)

Missile Ranges: Naval-Launched Missile Facilities (R)

Missile Ranges: Tactical SSM Facilities (S)

Missile Ranges: SAM/AMM Facilities (T)

**3. AIR DEFENSE MISSILES**

Deployed AMM Facilities (B)

Deployed SAM Facilities (D)

**4. ELECTRONICS/COMMUNICATIONS**

Deployed Communication/Electronic/Radar Facilities (C)

**5. AIR**

Air Base Facilities (E)

**6. NAVAL**

Naval Base Facilities (F)

**7. GROUND**

Ground Force Facilities (G)

**8. TACTICAL SSM**

Deployed Tactical SSM Facilities (H)

**9. LOGISTICS**

Military Logistics Facilities (K)

**10. NUCLEAR ENERGY**

Atomic Energy Facilities (O)

**11. CBR**

CBR Facilities (V)

**12. INDUSTRY**

Strategic Weapons Industrial Facilities (J)

General Purpose Weapons Industrial Facilities (L)

Non-Military Industrial Facilities (N)

Communication/Electronic/Radar R&D Facilities (U)

**13. MISCELLANEOUS**

Non-Military Logistics Facilities (M)

Miscellaneous/Unidentified Facilities (Z)

These thirteen target categories are compatible with the Functional Area of Imagery Interpretation established under the National Tasking Plan. To enhance the analysis of readout on operationally associated targets, each target is reported relative to its primary functional association (i.e., missile range tracking facilities are reported under "MISSILE RANGES," fly-away airfields at aircraft plants are reported under "INDUSTRY," airfield nuclear weapons storage facilities are reported under "AIR," etc.).

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TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

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II

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PREFACE

PREFACE

THIS OAK REPORT ON MISSION 1115-2 PROVIDES INFORMATION ON ALL A AND B PRIORITY COMIREX TARGETS OBSERVED ON PHOTOGRAPHY. FOR ADDITIONAL PREFACE DETAILS SEE OAK REPORT 1115-1.

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HIGHLIGHTS

### MISSION HIGHLIGHTS

USSR

#### MISSILE ACTIVITY

1. THIRTEEN OF THE 24 ICBM COMPLEXES WERE AT LEAST PARTLY OBSERVED. SOME 44 MR/IRBM COMPLEXES WERE AT LEAST PARTLY COVERED.

2. THREE OF THE SIX SS-9 COMPLEXES, IMENI GASTELLO, KARTALY, AND ZHANGIZ-TOBE WERE COMPLETELY OBSERVED. DOMBAROVSKIY AND UZHUR WERE PARTLY OBSERVED. ALEYSK WAS CLOUD COVERED.

3. NINETEEN OF THE 25 KNOWN DEPLOYED TYPE IIIF LAUNCH SITES WERE OBSERVED AND NO SIGNIFICANT CHANGE WAS NOTED IN THEIR CONSTRUCTION STATUS SINCE [REDACTED]

25X1

[REDACTED] THREE SILO LINER SEGMENTS AND A POSSIBLE LINER SEGMENT UNDER CONSTRUCTION WERE ON THE APRON AT IIIF LAUNCH SITE 74 AT THE DOMBAROVSKIY ICBM COMPLEX.

25X1

4. TEN OF THE 12 SS-9 SITES STILL UNDER CONSTRUCTION WERE OBSERVED AND ALL WERE IN THE LATE STAGE OF CONSTRUCTION. SIX WERE IN LAUNCH GROUP G AT KARTALY AND FOUR WERE IN LAUNCH GROUP J AT UZHUR.

5. AT THE PERVOMAYSK SSM COMPLEX, CABLE SCARRING WAS VISIBLE FOR THE FIRST TIME AMONG SOME OF THE TYPE IIIG LAUNCH SITES.

6. ALL KNOWN COMPONENTS OF THE TYURATAM MISSILE TEST CENTER WERE OBSERVED ON [REDACTED] NO ADDITIONAL CONSTRUCTION DETAILS COULD BE OBSERVED AT THE IIIF LAUNCH SITES IN LAUNCH GROUP R OR THE IIIG SITES IN LAUNCH GROUP S. NO SIGNIFICANT CHANGE WAS OBSERVED AT COMPLEX H OR THE NEW PROBABLE LAUNCH SITE. A PROBABLE MISSILE LOADING OPERATION WAS OBSERVED [REDACTED] AT LAUNCH SITE D1, A TYPE IIIA HARDENED LAUNCH SITE FOR THE SS-7 MISSILE. A PROBABLE PROPELLANT LOADING OPERATION WAS OBSERVED [REDACTED] AT LAUNCH SITE K2 WHICH CONTAINS A TYPE IIIC SILO.

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25X1

7. LARGE POSSIBLE STRUCTURES OR OPEN FRAMEWORKS WERE OBSERVED AT LAUNCH SITES 16 AND 21 AT THE PLESetsk MISSILE AND SPACE CENTER. ACTIVITY WAS OBSERVED FOR THE FIRST TIME AT THE BUNKERED PORTION OF THE PROPELLANT HANDLING AND STORAGE FACILITY.

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## HIGHLIGHTS

8. CONSTRUCTION CONTINUED AT MOSCOW ABM LAUNCH COMPLEXES E15 AND E21. ROOFING OF BUILDINGS WAS UNDERWAY AT BOTH COMPLEXES. AT E21, ABOVEGROUND CABLE CONDUITS CONNECTING THE THREE SMALLER PROBABLE ANTENNA BUILDINGS UNDER CONSTRUCTION TO THE LARGER PROBABLE ANTENNA BUILDING BEING CONSTRUCTED NEAR TRY ADD BUILDING A APPEARED COMPLETE. NO NEW AREAS OF CONSTRUCTION WERE OBSERVED AT EITHER E15 OR E21.

## NAVAL ACTIVITY

9. THIRTEEN Y SSBN OBSERVED IN THE NORTH FLEET AREA WERE LOCATED AS FOLLOWS -- ON [REDACTED] TWO WERE AT SEVERODVINSK, AND ON [REDACTED] NINE WERE AT SAYDA GUBA SUBMARINE BASE, ONE WAS IN THE LARGE REPAIR DOCK AT PALA GUBA, AND ONE WAS IN THE REPAIR DOCK AT CHELNOPUSHKA SHIP REPAIR YARD. IN THE PACIFIC FLEET AREA, ONE Y CLASS WAS AT PETROPAVLOVSK SUBMARINE BASE TARYA BAY ON [REDACTED] AND A SECOND WAS AT KOMSOMOLSK SHIPYARD ON [REDACTED]

25X1

25X1

25X1

10. ONE OF THE 445B-CLASS GUIDED-MISSILE LIGHT CRUISERS (CLGM) AT NIKOLAYEV SHIPYARD 445 WAS OBSERVED ON [REDACTED] MOORED IN MIDSTREAM OF THE NARROW ESTUARY. THE SHIP WAS APPARENTLY READY FOR SEA. IT HAD BEEN TURNED ABOUT AND WAS HEADED TOWARD THE DRAWBRIDGE WHICH BLOCKS THE ONLY CHANNEL TO THE YUZHNYI BUG RIVER AND THE BLACK SEA.

25X1

## USSR-CHINA BORDER

## AIR ACTIVITY

11. ON [REDACTED] 72 CAT/CUB AIRCRAFT WERE OBSERVED ON PARTIAL COVERAGE OF FERGANA AIRFIELD, 120 NM FROM THE USSR-CHINA BORDER. THIS REPRESENTS AN INCREASE OF 30 CAT/CUB SINCE [REDACTED] THE HIGHEST NUMBER OF CUB EVER OBSERVED AT THE AIRFIELD WAS 84, SEEN ON [REDACTED]

25X1

## GROUND FORCE ACTIVITY

12. THE MAJOR ELEMENTS OF THE ENGINEER BATTALION AND THE ENTIRE CHEMICAL DEFENSE COMPANY AT CHITA ARMY BARRACKS PESCHANKA AL 1, USSR, WERE ABSENT FROM THEIR MOTOR PARKS.

## CHINA

## MISSILE ACTIVITY

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HIGHLIGHTS

13. THE SHUANG-CHENG-TZU MISSILE TEST CENTER, THE WU-WEI SSM TRAINING POSITION, AND THE SHUANG-TA POSSIBLE SSM SITE WERE COVERED ON CLEAR PHOTOGRAPHY ON [REDACTED] NO SIGNIFICANT ACTIVITY WAS OBSERVED AT ANY OF THESE FACILITIES.

25X1

## AIR ACTIVITY

14. AN AIRFIELD IN AN EARLY STAGE OF CONSTRUCTION WAS NEWLY IDENTIFIED AT 23-20-00N 110-01-00E, 5 NM SSW OF KUEI-PING.

15. APPROXIMATELY 80 SMALL SWEEP-WING AIRCRAFT WERE IDENTIFIED AT CHENG-CHOU AIRFIELD. THIS IS THE LARGEST NUMBER OF FIGHTER AIRCRAFT EVER OBSERVED AT THIS AIRFIELD. SEVENTEEN OF THE AIRCRAFT WERE PARKED ON THE LOOP ROAD WITHIN THE AMMUNITION STORAGE AREA, 1.5 NM NE OF THE CENTER OF THE RUNWAY.

16. A GRADED-EARTH ALTERNATE RUNWAY IN AN EARLY STAGE OF CONSTRUCTION WAS IDENTIFIED 3.6 NM SW OF THE CENTER OF THE RUNWAY OF LEI-YANG AIRFIELD.

17. SIX BADGER AIRCRAFT WERE AT TA-TUNG/CHING-SHUI-HO AIRFIELD ON [REDACTED] THIS IS THE LARGEST NUMBER OF BADGER AIRCRAFT EVER OBSERVED AT THIS AIRFIELD.

25X1

## EGYPT

## AIR ACTIVITY

18. THE EAST/WEST RUNWAY AND PARALLEL TAXIWAY AT FAID AIRFIELD WERE BEING RESURFACED ON [REDACTED] FAID IS THE ONLY ONE OF THE SEVEN EGYPTIAN AIRFIELDS ALONG THE SUEZ CANAL TO BE IMPROVED SINCE THE JUNE 1967 WAR.

25X1

## NAVAL ACTIVITY

19. A PRIMORY E-CLASS INTELLIGENCE COLLECTOR (AGI) WAS IDENTIFIED FOR THE FIRST TIME IN EGYPT AT PORT SAID ON [REDACTED] THE SKORYY-CLASS DD AND THE ALLIGATOR-CLASS LST NORMALLY OBSERVED AT PORT SAID WERE NOT PRESENT.

25X1

25X1

## MILITARY ACTIVITY

20. TWO NEW UNOCCUPIED SA-2 SITES (SITES 597 AND 598) AND NEW TRENCH NETWORKS AND WEAPONS EMPLACEMENTS WERE IDENTIFIED AT PORT SAID ON [REDACTED] NONE OF THESE FEATURES WERE PRESENT ON [REDACTED]

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25X1

25X1



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HIGHLIGHTS

25X6



#### INDIA

##### AIR ACTIVITY

23. CONSTRUCTION ACTIVITY WAS OBSERVED AT KALAIKUNDAH AIRFIELD. A NEW RUNWAY/TAXIWAY WAS UNDER CONSTRUCTION PARALLEL TO THE RUNWAY. HANGARETTES IN THE DISPERSAL TAXIWAYS WERE BEING MODIFIED. TWO ALERT REVETMENTS/HANGARETTES WERE UNDER CONSTRUCTION ADJACENT TO THE ALERT APRON AT THE SOUTH END OF THE RUNWAY.

##### GROUND FORCE ACTIVITY

24. THIRTEEN VEHICLE SHEDS AND SEVEN OTHER BUILDINGS WERE UNDER CONSTRUCTION AT JHANSI CANTONMENT AREA.

25. A NEWLY IDENTIFIED MILITARY CAMP HAS BEEN IDENTIFIED 10 NM SW OF BABINA. THE INSTALLATION CONTAINS AT LEAST 205 BUILDINGS AND 90 TENTS.

#### PAKISTAN

##### GROUND FORCE ACTIVITY

26. THERE HAS BEEN A DECREASE OF MORE THAN 2,500 PIECES OF GROUND FORCE EQUIPMENT SINCE 15 SEPTEMBER AT KHARIAN BARRACKS DIVISION AND BRIGADE HEADQUARTERS.

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CHINA, COMMUNIST  
DEPLOYED STRATEGIC SSM FACILITIES

SIGNIFICANT RESULTS

25X1

WU-WEI SSM TRAINING POSITION

37-56-50N 102-39-50E

STATUS: OPERATIONAL

REMARKS:

APPROXIMATELY 35 PIECES OF MISSILE-RELATED EQUIPMENT WERE OBSERVED IN THE EQUIPMENT STORAGE AND MAINTENANCE AREA AND IN THE VEHICLE PARK WEST OF THE CIRCULAR SCREEN. NO TRAINING ACTIVITY WAS OBSERVED.

25X1

25X1

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CHINA, COMMUNIST  
MISSILE RANGES

### SIGNIFICANT RESULTS

SHUANG-CHENG-TZU AIRFIELD

40-23-51N 099-47-29E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

1 BULL	25 SMALL SWEPT-WING
2 BADGER (IN AAM FACILITY)	2 PROB CRATE
2 BEAGLE	3 COLT

25X1

SHUANG-CHENG-TZU MISSILE TEST CENTER

41-08-00N 100-15-00E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE MISSILE TEST CENTER WAS COVERED. NO SIGNIFICANT  
ACTIVITY WAS OBSERVED.

25X1

SHUANG-CHENG-TZU MTC SAM LAUNCH CPLX

41-04-53N 100-31-05E

25X1

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITES A, B, AND C WERE OCCUPIED.

25X1

SHUANG-TA POSS SSM SITE

37-36-15N 102-51-20E

25X1

STATUS: UNOCCUPIED

REMARKS:

THE ENTIRE SITE WAS COVERED. NO MISSILE-RELATED ACTIVITY OR  
EQUIPMENT WAS OBSERVED.

25X1

25X1

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25X1

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CHINA, COMMUNIST  
MISSILE RANGES

25X1

[REDACTED]

WU-CHAI SSM LAUNCH COMPLEX

38-49-27N 111-40-17E

25X1

[REDACTED]

25X1

STATUS: OPERATIONAL

REMARKS:

ONLY PORTIONS OF THE MAIN SUPPORT BASE AND SUPPORT AREAS 1  
THROUGH 7 WERE OBSERVED BETWEEN HEAVY CLOUDS. NO SIGNIFICANT  
ACTIVITY OR CHANGES WERE OBSERVED.

25X1

[REDACTED]

WU-CHAI SSM MAIN SUPPORT BASE

38-48-30N 111-36-58E

25X1

[REDACTED]

25X1

STATUS: OPERATIONAL

REMARKS:

NO SIGNIFICANT ACTIVITY OR CHANGES WERE OBSERVED IN THE 25  
PERCENT OF THE SUPPORT BASE WHICH WAS CLOUD FREE.

25X1

[REDACTED]

YA-ERH-TANG IMPACT SEARCH

40-55-//N 088-52-//E

25X1

[REDACTED]

25X1

STATUS: UNKNOWN

REMARKS:

APPROXIMATELY 65 PERCENT OF THE SEARCH AREA WAS COVERED. NO  
MISSILE-RELATED ACTIVITY WAS OBSERVED.

25X1

[REDACTED]

25X1

25X1

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25X1

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CHINA, COMMUNIST  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

SHAN-TAN SAM TRAINING AREA B

38-56-50N 101-08-18E

25X1

25X1

STATUS:OCCUPIED

REMARKS:

LAUNCH AREAS B, C, AND D WERE OCCUPIED BY FOUR, TWO, AND SIX  
LAUNCHERS, RESPECTIVELY. THE THREE GUIDANCE AREAS WERE EACH  
OCCUPIED BY A RADAR, TRUCKS, AND VANS.

MISSILE ORDER OF BATTLE:

25X1

12 LAUNCHERS

4 POSS MISSILE TRANSPORTERS

3 GUIDANCE RADARS

24 VEHICLES

3 POSS ACQUISITION RADARS

34 VANS

5 MISSILE TRANSPORTERS

25X1

25X1

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CHINA, COMMUNIST  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

CHANG-CHIA-KOU AIRFIELD SOUTHEAST

40-44-16N 114-55-36E

25X1

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

16 SMALL SWEEP-WING

25X1

CHENG-CHOU AIRFIELD

34-46-39N 113-43-25E

25X1

25X1

STATUS: OPERATIONAL

REMARKS:

SEVENTEEN OF THE SMALL SWEEP-WING AIRCRAFT WERE PARKED ON THE  
LOOP ROAD IN THE AMMUNITION STORAGE AREA 1.5 NM NE OF THE  
CENTER OF THE RUNWAY.

THIS IS THE LARGEST NUMBER OF FIGHTER AIRCRAFT EVER OBSERVED AT  
THIS AIRFIELD.

AIR ORDER OF BATTLE:

25X1

80 SMALL SWEEP-WING  
(APPROX)  
1 CUB

7 LIGHT STRAIGHT-WING  
1 COLT

25X1

HO-TIEN AIRFIELD

37-02-25N 079-52-06E

25X1

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

2 PROB COOT

25X1

25X1

25X1

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CHINA, COMMUNIST  
AIR BASE FACILITIES

KUEI-LIN/LI-CHIA-TSUN AIRFIELD

25-11-40N 110-19-07E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

16 POSS BEAGLE

1 POSS CRATE

25X1

KUEI-PING/MENG-HSU AIRFIELD

23-20-00N 110-01-00E

25X1

STATUS: UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

5 NM SSW OF KUEI-PING.

THE NEWLY IDENTIFIED AIRFIELD, IN AN EARLY STAGE OF  
CONSTRUCTION, CONSISTS OF A WNW/ESE CLEARED AREA WITH  
PRELIMINARY GRADING IN PROGRESS.

25X1

CONSTRUCTION SUPPORT CAMPS CONTAIN  
APPROXIMATELY 200 SUPPORT BUILDINGS AND NUMEROUS VEHICLES AND  
PIECES OF EQUIPMENT.

IMAGE DERIVED COORDINATES:

232000N1100100E

MAP SOURCE REFERENCE:

200-0615-3HL

25X1

KU-CHENG AIRFIELD

37-29-20N 116-06-51E

25X1

11  
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CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1

AIR ORDER OF BATTLE:  
[REDACTED]  
39 SMALL SWEEP-WING 1 LIGHT STRAIGHT-WING

25X1

[REDACTED]  
39 SMALL SWEEP-WING 1 CRATE

25X1

[REDACTED]

25X1

LEI-PEI AIRFIELD 21-23-58N 110-11-55E

[REDACTED]

25X1

STATUS:OPERATIONAL

25X1

AIR ORDER OF BATTLE:  
[REDACTED]  
40 SMALL SWEEP-WING (AT 1 POSS COLT  
LEAST)

25X1

[REDACTED]

25X1

LEI-YANG AIRFIELD 26-35-10N 112-53-35E

[REDACTED]

25X1

STATUS:OPERATIONAL

25X1

REMARKS:  
A NEWLY IDENTIFIED 2,580- X 100-METER (8,465- X 330-FOOT) NE/SW  
GRADED-EARTH ALTERNATE RUNWAY WAS IN AN EARLY STAGE OF  
CONSTRUCTION 3.6 NM SW OF THE CENTER OF THE RUNWAY. [REDACTED]  
[REDACTED] A CONNECTING TAXIWAY, AND ONE SMALL PARKING APRON  
IMMEDIATELY SOUTH OF THE ALTERNATE RUNWAY WERE ALSO UNDER 25X1  
CONSTRUCTION. CONSTRUCTION CAMPS SCATTERED AROUND THE AREA  
CONTAIN A TOTAL OF APPROXIMATELY 190 BARRACKS AND  
CONSTRUCTION/SUPPORT BUILDINGS. SOME EARLY RUNWAY GRADING AND  
TUNNELING ACTIVITY WERE VISIBLE IN [REDACTED] 25X1

25X1

AIR ORDER OF BATTLE:  
[REDACTED]  
29 BEAGLE

25X1

[REDACTED]

25X1

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CHINA, COMMUNIST  
AIR BASE FACILITIES

MING-CHIANG AIRFIELD NORTH

32-32-30N 114-04-50E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

17 BEAGLE

3 PROB COLT

25X1

TA-TUNG/CHING-SHUI-HO AIRFIELD

39-43-00N 113-08-30E

25X1

STATUS: OPERATIONAL

REMARKS:

THIS IS THE LARGEST NUMBER OF BADGER AIRCRAFT EVER OBSERVED AT  
THIS AIRFIELD.

AIR ORDER OF BATTLE:

25X1

6 BADGER

2 COLT

41 BEAGLE

1 LIGHT STRAIGHT-WING

25X1

TSANG-HSIEN AIRFIELD

38-24-09N 116-55-42E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

9 SMALL SWEEP-WING

1 SMALL STRAIGHT-WING

1 LIGHT STRAIGHT-WING

25 POSS SMALL SWEEP-WING

25X1

53 SMALL SWEEP-WING

1 LIGHT STRAIGHT-WING

25X1

25X1

25X1

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CHINA, COMMUNIST  
AIR BASE FACILITIES

25X1

25X1

WEN-SHUI AIRFIELD

37-24-25N 111-57-40E

25X1

STATUS: UNDER CONSTRUCTION

REMARKS:

GRADING OF THE RUNWAY AND CONSTRUCTION OF THE SUPPORT  
FACILITIES WERE CONTINUING.

25X1

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1

OTHER RESULTS-NO APPARENT CHANGE

25X1

KA0-I AIRFIELD

37-31-36N 114-36-32E

25X1

STATUS: OPERATIONAL

25X1

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1

25X1

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CHINA, COMMUNIST  
GROUND FORCE FACILITIES

### SIGNIFICANT RESULTS

25X1

TAI-YUAN ARMOR DISPERSAL AREA 1

38-02-00N 112-41-45E

25X1

STATUS:OCCUPIED

25X1

REMARKS:

25X1

GROUND FORCE ORDER OF BATTLE:

23 TANKS/ASSAULT GUNS

25X1

### OTHER RESULTS-NO APPARENT CHANGE

25X1

NAO-CHOU TAO POSS DEF STRONGPOINTS

20-55-00N 110-35-00E

25X1

STATUS:UNKNOWN

25X1

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1

25X1

25X2

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25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2CHINA, COMMUNIST  
INDUSTRY

## SIGNIFICANT RESULTS

25X1

HSU-CHOU/TA-KOU-CHUANG AIRFIELD

34-13-47N 117-14-46E

25X1

STATUS: OPERATIONAL

## REMARKS:

CONSTRUCTION WAS CONTINUING ON THE ALTERNATE RUNWAY, THE  
CONNECTING TAXIWAY, AND THE TUNNEL ENTRANCES.

25X1

## AIR ORDER OF BATTLE:

13 PROB FARMER

1 PROB CRATE

58 SMALL SWEEP-WING (AT  
LEAST)

25X1

25X1

KUANG-CHOU SHIPYARD TUNG-LANG

23-04-27N 113-14-52E

25X1

STATUS: OPERATIONAL

## REMARKS:

EXPANSION ACTIVITY WAS CONTINUING ON THE SOUTHERN END OF THE  
FABRICATION BUILDING. THE LUTA DDGS WERE IN VARIOUS STAGES OF  
CONSTRUCTION.

25X1

## NAVAL ORDER OF BATTLE:

2 LUTA DDGS (ON  
BUILDINGWAYS)

2 CARGO VESSELS

2 POSS COMBATANTS

1 PROB LUTA DDGS (IN  
GRAVING DOCK)1 PROB CARGO VESSEL (UNDER  
CONSTRUCTION ON1 PROB HSIANG YANG HUNG NO  
5 (IN ROADSTEAD)BUILDINGWAYS)  
SMALL CRAFT (SEVERAL)

2 POSS AUXILIARY CRAFT

25X1

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

## SIGNIFICANT RESULTS

25X1

AL GHURDAQAH PROBABLE SAM SITE

582

27-07-50N 033-47-30E

25X1

STATUS: UNDER CONSTRUCTION

## REMARKS:

CONSTRUCTION CONTINUED ON THE PROBABLE GUIDANCE AREA AND ON THE  
PROBABLE ACQUISITION RADAR POSITION.

25X1

AL GHURDAQAH SAM SITE

583

27-07-40N 033-49-00E

25X1

25X1

STATUS: UNOCCUPIED

## PHYSICAL DESCRIPTION:

7.5 NM SOUTH OF HURGHADA.

UPDATED DESCRIPTION. THIS SAM SITE CONSISTS OF SIX  
DRIVE-THROUGH LAUNCH REVETMENTS (EACH WITH A THIRD ENTRANCE), A  
HARDENED GUIDANCE AREA, SIX DRIVE-THROUGH MISSILE-HOLD  
REVETMENTS, AN ACQUISITION RADAR POSITION, AND ONE HARDENED  
DRIVE-IN STRUCTURE.

25X1

AL GHURDAQAH SAM SITE

591

27-14-40N 033-50-00E

25X1

25X1

STATUS: UNOCCUPIED

## PHYSICAL DESCRIPTION:

1.3 NM SE OF HURGHADA.

UPDATED DESCRIPTION. THIS SAM SITE CONSISTS OF SIX  
DRIVE-THROUGH LAUNCH REVETMENTS (EACH WITH A THIRD ENTRANCE), A  
HARDENED GUIDANCE AREA, SIX DRIVE-THROUGH MISSILE-HOLD  
REVETMENTS, AN ACQUISITION RADAR POSITION, AND ONE HARDENED  
DRIVE-IN STRUCTURE.

25X1

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

AL GHURDAQAH SAM SITE

592

27-12-35N 033-50-05E

25X1

STATUS:UNOCCUPIED

## PHYSICAL DESCRIPTION:

3 NM SSE OF HURGHADA.

UPDATED DESCRIPTION. THIS SAM SITE CONSISTS OF SIX  
DRIVE-THROUGH LAUNCH REVETMENTS (EACH WITH A THIRD ENTRANCE), A  
HARDENED GUIDANCE AREA, AND TWO DRIVE-THROUGH MISSILE-HOLD  
REVETMENTS.

25X1

AL GHURDAQAH SA-2 SAM SITE

579

27-16-00N 033-47-40E

25X1

STATUS:UNOCCUPIED

## PHYSICAL DESCRIPTION:

1.3 NM NNW OF HURGHADA.

UPDATED DESCRIPTION. THIS SAM SITE CONSISTS OF SIX  
DRIVE-THROUGH LAUNCH REVETMENTS (EACH WITH A THIRD ENTRANCE), A  
HARDENED GUIDANCE AREA, SIX DRIVE-THROUGH MISSILE-HOLD  
REVETMENTS, AN ACQUISITION RADAR POSITION, AND ONE HARDENED  
DRIVE-IN STRUCTURE.

25X1

AL GHURDAQAH SA-2 SAM SITE

580

27-13-25N 033-47-10E

25X1

STATUS:UNOCCUPIED

## PHYSICAL DESCRIPTION:

2.3 NM SW OF HURGHADA.

UPDATED DESCRIPTION. THE SAM SITE CONSISTS OF SIX  
DRIVE-THROUGH LAUNCH REVETMENTS (EACH WITH A THIRD ENTRANCE), A  
HARDENED GUIDANCE AREA, SIX DRIVE-THROUGH MISSILE-HOLD  
REVETMENTS, AN ACQUISITION RADAR POSITION, AND ONE HARDENED  
DRIVE-IN STRUCTURE.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

25X1

AL GHURDAQAH SA-2 SAM SITE

581

27-11-30N 033-46-15E

25X1

STATUS:UNOCCUPIED

## PHYSICAL DESCRIPTION:

4.5 NM SW OF HURGHADA.

UPDATED DESCRIPTION. THE SAM SITE CONSISTS OF SIX  
DRIVE-THROUGH LAUNCH REVETMENTS (EACH WITH A THIRD ENTRANCE), A  
HARDENED GUIDANCE AREA, SIX DRIVE-THROUGH MISSILE-HOLD  
REVETMENTS, AN ACQUISITION RADAR POSITION, AND ONE HARDENED  
DRIVE-IN STRUCTURE.

25X1

25X1

AL ISMAILIYAH SA-2 SAM SITE

589

30-29-55N 032-19-45E

25X1

STATUS:UNOCCUPIED

## PHYSICAL DESCRIPTION:

6.5 NM SE OF AL ISMAILIYAH.

UPDATED DESCRIPTION. THIS SAM SITE CONSISTS OF SIX REVETTED  
DRIVE-THROUGH LAUNCH POSITIONS AND A REVETTED GUIDANCE AREA.

25X1

25X1

AL ISMAILIYAH SA-2 SAM SITE 595

30-48-10N 032-10-00E

25X1

STATUS:UNOCCUPIED

## PHYSICAL DESCRIPTION:

14 NM NW OF AL ISMAILIYAH.

THE NEWLY IDENTIFIED SITE CONSISTS OF SIX REVETTED  
DRIVE-THROUGH LAUNCH POSITIONS, A GUIDANCE AREA, AT LEAST FOUR  
REVETTED MISSILE-HOLD POSITIONS, AND A PROBABLE ACQUISITION  
RADAR POSITION.

## IMAGE DERIVED COORDINATES:

304810N0321000E

## MAP SOURCE REFERENCE:

250-JOG-NH36-6

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

25X1

AS SUWAYS PROBABLE SAM SITE 596

30-02-40N 032-29-25E

25X1

25X1

STATUS:UNDER CONSTRUCTION

PHYSICAL DESCRIPTION:

5.1 NM NW OF SUEZ.

THE NEWLY IDENTIFIED PROBABLE SAM SITE CONSISTS OF A PROBABLE GUIDANCE AREA AND A PROBABLE ACQUISITION RADAR POSITION UNDER CONSTRUCTION.

IMAGE DERIVED COORDINATES:  
300240N0322925E

MAP SOURCE REFERENCE:  
250-JOG-R NH36-6

25X1

AS SUWAYS SA-2 SAM SITE

573

30-09-50N 032-31-50E

25X1

25X1

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

11 NM NORTH OF SUEZ (AS SUWAYS).

UPDATED DESCRIPTION. THIS SAM SITE CONSISTS OF SIX DRIVE-THROUGH REVETTED LAUNCH POSITIONS (EACH WITH A THIRD ENTRANCE), A HARDENED GUIDANCE AREA, SIX DRIVE-THROUGH MISSILE-HOLD REVETMENTS, AN ACQUISITION RADAR POSITION, AND ONE DRIVE-IN HARDENED STRUCTURE.

25X1

AS SUWAYS SA-2 SAM SITE

574

30-07-00N 032-33-00E

25X1

STATUS:UNOCCUPIED

25X1

PHYSICAL DESCRIPTION:

8.7 NM NORTH OF SUEZ (AS SUWAYS).

UPDATED DESCRIPTION. THE SAM SITE CONSISTS OF SIX REVETTED

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

DRIVE-THROUGH LAUNCH POSITIONS (EACH WITH A THIRD ENTRANCE), A HARDENED GUIDANCE AREA, SIX DRIVE-THROUGH MISSILE-HOLD REVETMENTS, AN ACQUISITION RADAR POSITION, AND ONE DRIVE-IN HARDENED STRUCTURE.

25X1

AS SUWAYS SA-2 SAM SITE

575

30-04-40N 032-32-30E

25X1

STATUS: UNDER CONSTRUCTION

## REMARKS:

CONSTRUCTION WAS CONTINUING AT THIS SITE. IT NOW HAS FOUR REVETTED DRIVE-THROUGH LAUNCH POSITIONS.

25X1

AS SUWAYS SA-2 SAM SITE

576

30-01-25N 032-32-50E

25X1

STATUS: UNOCCUPIED

## PHYSICAL DESCRIPTION:

3.2 NM NORTH OF SUEZ (AS SUWAYS).

UPDATED DESCRIPTION. THE SAM SITE CONSISTS OF SIX DRIVE-THROUGH REVETTED LAUNCH POSITIONS, A HARDENED GUIDANCE AREA, AND AN ACQUISITION RADAR POSITION.

25X1

BANI SUWAYF SAM SITE D10A-2

454

29-00-20N 031-46-10E

25X1

STATUS: OCCUPIED

## REMARKS:

FOUR OF THE SIX LAUNCH POSITIONS WERE OCCUPIED BY UNIDENTIFIED OBJECTS. NO MISSILE TRANSPORTERS OR OTHER SUPPORT EQUIPMENT WAS DISCERNIBLE. THIS WAS THE FIRST TIME THAT THIS SITE HAS BEEN OBSERVED OCCUPIED.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

BANI SUWAYF SAM SITE D10B-2

455

28-59-25N 031-46-25E

25X1

STATUS:OCCUPIED

## REMARKS:

FOUR OF THE SIX LAUNCH POSITIONS WERE OCCUPIED BY UNIDENTIFIED OBJECTS. NO MISSILE TRANSPORTER OR OTHER SUPPORT EQUIPMENT WAS DISCERNIBLE. THIS WAS THE FIRST TIME THAT THIS SITE HAS BEEN OBSERVED OCCUPIED.

25X1

BANI SUWAYF SAM SITE D11-2

456

28-56-08N 031-43-05E

25X1

STATUS:OCCUPIED

## REMARKS:

FOUR OF THE SIX LAUNCH POSITIONS WERE OCCUPIED BY UNIDENTIFIED OBJECTS. NO MISSILE TRANSPORTER OR OTHER SUPPORT EQUIPMENT WAS DISCERNIBLE. THIS WAS THE FIRST TIME THAT THIS SAM SITE HAS BEEN OBSERVED OCCUPIED.

25X1

BUR SAID SAM SITE A13-2

1

31-14-00N 032-18-55E

25X1

STATUS:UNOCCUPIED

## REMARKS:

THIS SAM SITE HAS BEEN RENOVATED. THE VEGETATION AND/OR DEBRIS THAT WAS IN SEVERAL OF THE LAUNCH POSITIONS HAD BEEN REMOVED, AND SEVERAL WALLS HAVE BEEN ADDED TO THE REVETTED CENTRAL GUIDANCE AREA.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

25X1

BUR SAID SAM SITE A30-2

3

31-16-50N 032-14-20E

STATUS:UNOCCUPIED

25X1

## REMARKS:

THIS SAM SITE HAS BEEN RENOVATED. THE LAUNCH POSITION  
REVTMENTS AND THE GUIDANCE AREA REVTMENT WALLS HAVE BEEN  
REPAIRED.

25X1

BUR SAID SAM SITE A31-2

2

31-16-40N 032-15-26E

25X1

STATUS:UNOCCUPIED

25X1

## REMARKS:

THIS SAM SITE HAS BEEN RENOVATED. THE BOMB CRATERS HAVE BEEN  
FILLED IN AND THE VEGETATION AND/OR DEBRIS THAT WAS IN SEVERAL  
OF THE LAUNCH POSITIONS HAS BEEN REMOVED. THE SHELTER OVER THE  
GUIDANCE AREA HAS BEEN REMOVED. A REVTED GUIDANCE AREA IS  
PRESENT.

25X1

BUR SAID SA-2 SAM SITE 597

31-13-55N 032-21-30E

25X1

STATUS:UNOCCUPIED

25X1

## PHYSICAL DESCRIPTION:

ON THE EAST SIDE OF THE SUEZ CANAL IN THE EGYPTIAN-CONTROLLED  
PORTION OF THE SINAI PENINSULA, 3 NM SE OF PORT SAID.  
THE NEWLY IDENTIFIED SAM SITE CONSISTS OF SIX REVTED  
DRIVE-THROUGH LAUNCH POSITIONS (EACH WITH A THIRD ENTRANCE) AND  
A REVTED GUIDANCE AREA. NO EVIDENCE OF THE SITE WAS OBSERVED  
ON

25X1

IMAGE DERIVED COORDINATES:  
311355N0322130E

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR DEFENSE MISSILES

MAP SOURCE REFERENCE:  
250-JOG-G NH36-2

25X1

BUR SAID SA-2 SAM SITE 598

31-13-50N 032-17-30E

25X1

25X1

STATUS:UNOCCUPIED

PHYSICAL DESCRIPTION:

ON THE WEST BANK OF THE SUEZ CANAL, 2 NM SOUTH OF PORT SAID.  
THE NEWLY IDENTIFIED SAM SITE CONSISTS OF SIX REVETTED  
DRIVE-THROUGH LAUNCH POSITIONS (EACH WITH A THIRD ENTRANCE) AND  
A REVETTED GUIDANCE AREA. NO EVIDENCE OF THE SITE WAS OBSERVED  
ON

25X1

IMAGE DERIVED COORDINATES:  
311350N0321730E

MAP SOURCE REFERENCE:  
250-JOG-G NH36-2

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

### SIGNIFICANT RESULTS

25X1

AL MANSURAH AIRFIELD

30-58-03N 031-25-37E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

8 POSS SWEEP/DELTA-WING

2 POSS AIRCRAFT

25X1

AL QAHIRAH AIR FORCE DEPOT ABU ZABAL

30-14-10N 031-21-30E

25X1

STATUS: UNKNOWN

REMARKS:

THE STATUS OF THIS TARGET COULD NOT BE DETERMINED BECAUSE OF  
THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY.

GROUND FORCE ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

AZ ZAQAQI AIRFIELD

30-35-38N 031-39-50E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

3 POSS AIRCRAFT

25X1

BILBAYS AIRFIELD

30-23-42N 031-35-54E

25X1

STATUS: OPERATIONAL

25X1

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1

AIR ORDER OF BATTLE:

4 POSS SWEEP/DELTA-WING  
3 POSS SMALL STRAIGHT-WING

5 POSS AIRCRAFT

25X1

BIR JIFJAFAH AIRFIELD

30-24-50N 033-09-45E

25X1

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED IN THE TWO HANGARETTE AREAS.

25X1

AIR ORDER OF BATTLE:

1 C-97  
2 SMALL STRAIGHT-WING

3 POSS HELICOPTERS

25X1

1 C-97  
1 PROB C-97

4 POSS HELICOPTERS  
1 LIGHT STRAIGHT-WING

25X1

25X1

FAID AIRFIELD

30-19-58N 032-16-06E

STATUS: OPERATIONAL

REMARKS:

THE E/W RUNWAY AND THE PARALLEL TAXIWAY WERE BEING RESURFACED.

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1

HURGHADA AIRFIELD NEW

27-11-09N 033-47-56E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

6 POSS SWEPT/DELTA-WING

2 POSS HELICOPTERS

25X1

25X1

INCHAS AIRFIELD

30-19-47N 031-27-23E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

5 POSS AIRCRAFT

25X1

LUXOR AIRFIELD

25-40-23N 032-42-27E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

3 POSS SWEPT/DELTA-WING  
1 COKE

6 POSS AIRCRAFT

25X1

WADI AL JANDALI AIRFIELD

30-03-02N 031-50-40E

25X1

STATUS: OPERATIONAL

AIR ORDER OF BATTLE:

25X1

3 POSS AIRCRAFT

1 POSS HELICOPTER

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1

OTHER RESULTS-NO APPARENT CHANGE

AS SALIHIYAH AIRFIELD

30-47-55N 032-02-20E

25X1

STATUS:OPERATIONAL

AIR ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

BILBAYS AIRFIELD 2

30-25-20N 031-40-40E

25X1

STATUS:OPERATIONAL

AIR ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

KASFAREET AIRFIELD

30-14-55N 032-24-30E

25X1

STATUS:UNKNOWN

AIR ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

SAIYAH EL SHIRIF AIRFIELD

31-20-50N 030-58-28E

25X1

STATUS:OPERATIONAL

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
AIR BASE FACILITIES

25X1

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1

WADI ABU RISH AIRFIELD

28-58-45N 031-42-00E

25X1

STATUS: OPERATIONAL

25X1

AIR ORDER OF BATTLE:

NONE DISCERNIBLE

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
NAVAL BASE FACILITIES

SIGNIFICANT RESULTS

AL GHURDAQAH PORT FACILITIES

27-13-58N 033-50-42E

25X1

STATUS:OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1

1 POSS TANKER

5 FISHING BOATS

5 SMALL CRAFT (AT LEAST)

25X1

BUR SAID NAVAL BASE

31-15-28N 032-18-18E

25X1

STATUS:OPERATIONAL

REMARKS:

THIS WAS THE FIRST IDENTIFICATION OF A PRIMORYE-CLASS AGI IN  
EGYPT.

25X1

NAVAL ORDER OF BATTLE:

1 OSA PTFG

2 POSS POLNOCNY LSM

25X1

1 OSA PTFG

1 SMALL COMBATANT

1 PRIMORYE-CLASS AGI

25X1

SHARM ASH SHAYKH NAVAL DEPLOYMENT FAC

27-51-//N 034-17-//E

25X1

STATUS:OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1

1 CONVERTED LANDING SHIP  
(BAT SHEVA)

2 LSM-1  
2 KISHON LCU

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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UNITED ARAB REPUBLIC  
NAVAL BASE FACILITIES

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
GROUND FORCE FACILITIES

### SIGNIFICANT RESULTS

AL QAHIRAH AMMO STOR AREA HUCKSTEP NEW 30-07-20N 031-28-49E

25X1

STATUS:OCCUPIED

REMARKS:  
SCATTERED CLOUDS OBSCURED PORTIONS OF THE INSTALLATION.

GROUND FORCE ORDER OF BATTLE:

25X1

VEHICLES/PIECES OF EQUIP  
(NUMEROUS)

25X1

AT TALL AL KABIR BARRACKS

30-33-43N 031-43-49E

25X1

STATUS:UNKNOWN

REMARKS:  
FIFTY PERCENT OF THE INSTALLATION WAS OBSCURED BY HEAVY CLOUDS.

GROUND FORCE ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

SUEZ CANAL SPECIAL AREA 0216

31-18-00N 032-15-00E

25X1

STATUS:OCCUPIED

REMARKS:  
NEW TRENCH NETWORKS AND WEAPONS EMPLACEMENTS HAVE BEEN  
CONSTRUCTED ALONG THE MEDITERRANEAN COAST BETWEEN 31-16-30N  
032-19-00E AND 31-16-30N 032-17-25E. SEVERAL BUILDINGS ON THE  
COAST HAVE BEEN RAZED TO FACILITATE THE CONSTRUCTION OF THE  
TRENCHES. THIS ACTIVITY WAS NOT PRESENT ON

25X1

SIMILAR TRENCH NETWORKS AND WEAPONS EMPLACEMENTS HAVE  
BEEN PRESENT ALONG THE COAST BETWEEN 31-15-10N 032-19-30E AND

25X1  
25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
GROUND FORCE FACILITIES

31-13-35N 032-21-30E.

25X1

25X1

SUEZ CANAL SPECIAL AREA 0704

31-06-00N 032-15-00E

STATUS:OCCUPIED

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED ON THE  
EGYPTIAN SIDE OF THE SUEZ CANAL.

25X1

25X1

SUEZ CANAL SPECIAL AREA 0708

30-54-00N 032-15-00E

STATUS:OCCUPIED

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED ON THE  
EGYPTIAN SIDE OF THE SUEZ CANAL.

25X1

25X1

SUEZ CANAL SPECIAL AREA 0712

30-42-00N 032-15-00E

STATUS:OCCUPIED

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED ON THE  
EGYPTIAN SIDE OF THE SUEZ CANAL.

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
GROUND FORCE FACILITIES

25X1

SUEZ CANAL SPECIAL AREA 0716

30-30-00N 032-15-00E

25X1

STATUS:OCCUPIED

REMARKS:

SEVENTY-FIVE PERCENT OF THE AREA WAS COVERED. NO NEW  
SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED ON THE EGYPTIAN SIDE  
OF THE SUEZ CANAL.

25X1

SUEZ CANAL SPECIAL AREA 1204

30-18-00N 032-15-00E

25X1

STATUS:OCCUPIED

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED ON THE  
EGYPTIAN SIDE OF THE SUEZ CANAL.

25X1

SUEZ CANAL SPECIAL AREA 1301

30-18-00N 032-33-00E

25X1

STATUS:OCCUPIED

REMARKS:

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
GROUND FORCE FACILITIES

EGYPTIAN SIDE OF THE GREAT AND LITTLE BITTER LAKES.

25X1

SUEZ CANAL SPECIAL AREA 1305

30-06-00N 032-33-00E

25X1

STATUS:OCCUPIED

REMARKS:

NO NEW SIGNIFICANT MILITARY ACTIVITY WAS OBSERVED ON EITHER  
SIDE OF THE SUEZ CANAL.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

UNITED ARAB REPUBLIC  
DEPLOYED TACTICAL SSM FACILITIES

### SIGNIFICANT RESULTS

AL QAHIRAH FROG-7 EQUIPMENT AREA

30-03-30N 031-24-50E

25X1

STATUS:OCCUPIED

#### REMARKS:

THE VEHICLES AND EQUIPMENT OBSERVED WERE PARKED IN A U-SHAPED FORMATION. THIS MAY INDICATE TRAINING ACTIVITY.

#### GROUND FORCE ORDER OF BATTLE:

25X1

AL QAHIRAH TAC SSM STOR FAC

30-03-00N 031-21-40E

25X1

STATUS:OCCUPIED

#### REMARKS:

THE VEHICLES AND EQUIPMENT OBSERVED WERE PARKED IN A U-SHAPED FORMATION. THIS MAY INDICATE TRAINING ACTIVITY.

#### GROUND FORCE ORDER OF BATTLE:

25X1

10 PIECES OF EQUIPMENT

25X1

25X1

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25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

INDIA  
AIR BASE FACILITIES

### SIGNIFICANT RESULTS

KALAIKUNDAH AIRFIELD

22-20-20N 087-12-55E

25X1

STATUS: OPERATIONAL

#### REMARKS:

A NEW RUNWAY/TAXIWAY WAS UNDER CONSTRUCTION PARALLEL TO THE RUNWAY. HANGARETTES IN THE DISPERSAL TAXIWAYS WERE BEING MODIFIED. TWO ALERT REVETMENTS/HANGARETTES WERE UNDER CONSTRUCTION ADJACENT TO THE ALERT APRON AT THE SOUTH END OF THE RUNWAY. AN AREA OF UNIDENTIFIED CONSTRUCTION IN THE SUPPORT AREA EAST OF THE RUNWAY WAS OBSERVED.

#### AIR ORDER OF BATTLE:

25X1

2 PROB SWEPT-WING FIGHTERS 5 AIRCRAFT (DERELICT)  
2 POSS FIGHTER AIRCRAFT

X1

2 SWEPT-WING FIGHTERS 5 AIRCRAFT (DERELICT)

25X1

OTHER RESULTS-NO APPARENT CHANGE

BARRACKPORE AC MAINT BASE

22-46-25N 088-22-10E

STATUS: UNKNOWN

25X1

#### AIR ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

INDIA  
GROUND FORCE FACILITIES

### SIGNIFICANT RESULTS

BABINA MILITARY AREA SW

25-04-30N 078-23-50E

25X1

STATUS:OCCUPIED

25X1

#### PHYSICAL DESCRIPTION:

10 NM SW OF BABINA.

THE NEWLY IDENTIFIED FACILITY CONTAINS AT LEAST 205 BUILDINGS  
AND 90 TENTS. HEAVY VEHICULAR TRACK ACTIVITY WAS OBSERVED  
THROUGHOUT THE AREA.

#### GROUND FORCE ORDER OF BATTLE:

25X1

65 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

IMAGE DERIVED COORDINATES:  
250430N0782350E

MAP SOURCE REFERENCE:  
AMS. JOG,NG44-9,1:250,000

25X1

JHANSI CANTONMENT AREA

25-25-45N 078-35-45E

25X1

STATUS:OCCUPIED

25X1

#### REMARKS:

THIRTEEN VEHICLE SHEDS AND SEVEN OTHER BUILDINGS WERE UNDER  
CONSTRUCTION AT THE EXTREME SOUTH EDGE OF THE INSTALLATION.  
THIS ACTIVITY IS NEW SINCE

25X

#### GROUND FORCE ORDER OF BATTLE:

25X1

680 VEHICLES/PIECES OF  
EQUIP (APPROX)

25X1

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25X6

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25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

JORDAN  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

JERUSALEM AIRFIELD

31-52-03N 035-13-06E

25X1

STATUS:NOT OPERATIONAL

REMARKS:

THE AREA OFF THE ESE END OF THE RUNWAY WAS BEING LEVELED FOR A PROBABLE EXTENSION OF THE RUNWAY. ADDITIONAL LEVELING WAS IN PROGRESS NEAR THE CENTER OF THE RUNWAY.

AIR ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

25X1

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25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

PAKISTAN  
AIR BASE FACILITIES

### SIGNIFICANT RESULTS

#### CHAKLALA AIRFIELD

33-36-50N 073-06-07E

25X1

STATUS: OPERATIONAL

#### AIR ORDER OF BATTLE:

25X1

6 C-130  
1 C-131

2 SMALL STRAIGHT-WING

25X1

6 C-130 (1 WITH TAIL  
SECTION PROTRUDING FROM  
HANGAR)

1 C-131  
5 SMALL STRAIGHT-WING

25X1

25X1

#### MAURIPUR AIRFIELD

24-54-00N 066-57-02E

STATUS: OPERATIONAL

#### AIR ORDER OF BATTLE:

25X1

10 PROB B-57  
45 PROB SWEEP-WING

2 POSS HELICOPTERS

25X1

#### SARGODHA AIRFIELD

32-02-59N 072-40-01E

25X1

STATUS: OPERATIONAL

#### AIR ORDER OF BATTLE:

25X1

14 FARMER  
6 F-104  
2 B-57

2 SWEEP-WING  
1 HH-43B

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

PAKISTAN  
AIR BASE FACILITIES

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

PAKISTAN  
NAVAL BASE FACILITIES

### SIGNIFICANT RESULTS

KARACHI NAVAL BASE + DOCK YARD W WHARF

24-49-50N 066-58-20E

25X1

STATUS: OPERATIONAL

#### NAVAL ORDER OF BATTLE:

25X1

1 DIDO CL

1 OILER

6 DD (1 IN DRYDOCK)

2 SMDL

8 MSC-60 MSC

2 POSS DAPHNE SS

1 RIVER SURVEY VESSEL

1 TENCH SS (IN FLOATING  
DRYDOCK)

1 AWS FRIGATE

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

PAKISTAN  
GROUND FORCE FACILITIES

### SIGNIFICANT RESULTS

HYDERABAD BARRACKS AREA

25-23-44N 068-21-30E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

30 POSS TANKS

25X1

JHELUM BARRACKS AREA

32-55-42N 073-42-55E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

30 VEHICLES/PIECES OF EQUIP  
(APPROX)

25X1

25 VEHICLES/PIECES OF EQUIP  
(APPROX)

25X1

KHARIAN BKS DIV A BDE HQ

32-48-46N 073-53-38E

25X1

STATUS:OCCUPIED

REMARKS:

THERE HAS BEEN A DECREASE OF MORE THAN 2,500 PIECES OF GROUND  
FORCES EQUIPMENT SINCE

25X1

GROUND FORCE ORDER OF BATTLE:

25X1

500 VEHICLES/PIECES OF 15 TANK TRANSPORTERS

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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PAKISTAN  
GROUND FORCE FACILITIES

EQUIP (APPROX)

25X1

107 VEHICLES/PIECES OF  
EQUIP (APPROX)

6 TANK TRANSPORTERS

25X1

OTHER RESULTS-NO APPARENT CHANGE

CHITTAGONG MIL CANTONMENT NUTANPARA

22-23-58N 091-48-25E

25X1

STATUS:UNKNOWN

25X1

GROUND FORCE ORDER OF BATTLE:

NONE DISCERNIBLE

25X1

25X1



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25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

### SIGNIFICANT RESULTS

25X1

ANASTASYEVKA MRBM COMPLEX

48-35-30N 135-39-10E

25X1

STATUS:UNKNOWN

#### REMARKS:

NONE OF THE COMPONENTS OF THE COMPLEX WAS VISIBLE.  
APPROXIMATELY 30 PERCENT OF THE SEARCH AREA WAS COVERED ON  
CLEAR PHOTOGRAPHY. NO MISSILE-ASSOCIATED EQUIPMENT WAS  
PRESENT. NO SILO CONSTRUCTION WAS OBSERVED.

25X1

BALTA MRBM COMPLEX

48-04-50N 029-34-00E

25X1

25X1

STATUS:NOT OPERATIONAL

#### REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

BELOKOROVICHI MRBM COMPLEX

51-10-00N 028-02-00E

25X1

25X1

STATUS:OPERATIONAL

#### REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, ERECTORS  
AND VEHICLES WERE ON EACH LAUNCH PAD. HOWEVER, THE PROPELLANT  
TRANSPORTERS WERE IN THE PROPELLANT STORAGE AREAS. NO SILO  
CONSTRUCTION WAS OBSERVED ON COMPLETE COVERAGE OF THE SEARCH  
AREA.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

BORSHCHEV MRBM COMPLEX

48-52-20N 026-06-00E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 2, VEHICLES  
WERE OBSERVED ON THREE PADS AND A POSSIBLE ERECTED MISSILE WAS  
OBSERVED ON ONE PAD ON [REDACTED] NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

BRODY MRBM COMPLEX

50-17-00N 025-05-50E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. ON [REDACTED] EXERCISES WERE  
OBSERVED AT ALL LAUNCH PADS OF LAUNCH SITE 2. NO SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH  
AREA.

25X1

25X1

DERAZHNYA SSM COMPLEX

49-23-50N 027-27-40E

25X1

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITE 3, THE RAIL-TO-ROAD TRANSFER POINT, FIXED FIELD  
SITES 2 AND 3, 34 OF THE 60 KNOWN TYPE IIID LAUNCH SITES, AND  
26 OF THE 33 KNOWN TYPE IIIG LAUNCH SITES WERE OBSERVED.  
POSSIBLE APRONS AND BRIDGE CRANES WERE UNDER CONSTRUCTION AT

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

SITES 76H, 88I, 93I, AND 94I. A VEHICLE OR PIECE OF EQUIPMENT  
WAS ON THE APRON AT SITE 51F [REDACTED] NO NEW SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH  
AREA.

25X1

25X1

25X1

DOLINA MRBM COMPLEX

49-04-10N 024-06-40E

25X1

STATUS:UNKNOWN

## REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

DOMBAROVSKIY ICBM COMPLEX

50-58-18N 059-44-40E

25X1

25X1

STATUS:OPERATIONAL

## REMARKS:

FIFTY-SIX OF THE 60 KNOWN SS-9 LAUNCH SITES, FOUR OF THE FIVE  
KNOWN TYPE IIIF LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES,  
AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. LAUNCH  
SITES 1A, 6B, 14C, 15C, AND 72 COULD BE IDENTIFIED ONLY. AT  
LAUNCH SITE 74, THREE SILO LINER SEGMENTS WERE ON THE SILO  
APRON AND A POSSIBLE FOURTH SILO LINER SEGMENT WAS UNDER  
CONSTRUCTION. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL  
COVERAGE OF THE SEARCH AREA.

25X1

DROGOBYCH MRBM COMPLEX

49-23-00N 023-39-00E

25X1

25X1

STATUS:UNKNOWN

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

DROVYANAYA ICBM COMPLEX

51-28-00N 113-01-00E

25X1

STATUS: OPERATIONAL

REMARKS:

ALL KNOWN COMPONENTS OF THE LAUNCH COMPLEX WERE OBSERVED. NO  
NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE  
SEARCH AREA.

25X1

DYATLOVO MRBM COMPLEX

53-34-20N 025-22-00E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NETTING WAS PRESENT ALONGSIDE  
THE ERECTORS ON THREE PADS AT LAUNCH SITE 3 AND AT ONE PAD AT  
LAUNCH SITE 1. A PROBABLE EXERCISE WAS ALSO OBSERVED ON ONE  
PAD AT LAUNCH SITE 1. TRACK ACTIVITY WAS VISIBLE AT THE NEWER  
PADS AT FIXED FIELD SITE 2. NO SILO CONSTRUCTION WAS OBSERVED  
ON COMPLETE COVERAGE OF THE SEARCH AREA.

25X1

GLADKAYA ICBM COMPLEX

56-15-15N 092-13-25E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO NEW MISSILE ACTIVITY WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1

25X1

GOMEL MRBM COMPLEX

52-22-10N 030-41-00E

25X1

STATUS: OPERATIONAL

REMARKS:  
THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED.

25X1

25X1

GRANOV IRBM COMPLEX

48-52-55N 029-30-08E

25X1

STATUS: OPERATIONAL

REMARKS:  
THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

GRESK MRBM COMPLEX

53-15-40N 027-41-40E

25X1

STATUS: OPERATIONAL

REMARKS:  
LAUNCH SITE 3 AND FIXED FIELD SITES 1, 2, AND 3 WERE COMPLETELY  
OBSERVED. LAUNCH SITES 1 AND 2 WERE PARTIALLY OBSERVED. NO  
SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE  
SEARCH AREA.

25X1

25X1

GROZNY MRBM COMPLEX

43-09-40N 045-00-00E

25X1

STATUS: OCCUPIED

REMARKS:  
ALL COMPONENTS OF THE COMPLEX EXCEPT THE FIXED FIELD SITES WERE

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL  
COVERAGE OF THE SEARCH AREA.

25X1

IMENI GASTELLO ICBM COMPLEX

51-03-30N 066-14-00E

25X1

STATUS:OPERATIONAL

## REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED EXCEPT LAUNCH SITE 39, WHICH  
WAS IDENTIFIABLE ONLY. CONSTRUCTION HAS CONTINUED ON THE FIVE  
TYPE IIIF LAUNCH SITES (56-60). CONSTRUCTION ACTIVITY WAS  
APPARENT AT SITE 57 WITH THE SILO APRON UNDER CONSTRUCTION AND  
AT SITE 59 WITH THE SILO APRON PROBABLY UNDER CONSTRUCTION. NO  
NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE  
SEARCH AREA.

25X1

JONAVA MRBM COMPLEX

54-59-00N 024-09-40E

25X1

STATUS:OPERATIONAL

## REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

KAMENETS-PODOLSKIY MRBM COMPLEX

48-52-50N 026-51-00E

25X1

STATUS:UNOCCUPIED

## REMARKS:

LAUNCH SITES 1 AND 2 AND FIXED FIELD SITES 1 AND 2 WERE  
VISIBLE. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE  
OF THE SEARCH AREA.

25X1

25X1

25X1 [ ] Approved For Release 2002/05/09 : CIA-RDP99T01396R000300120001-7 25X1  
[ ] WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2 SOVIET UNION  
KH-4 MISSION 1115-2 DEPLOYED STRATEGIC SSM FACILITIES

25X1 [ ]

25X1 KARTALY ICBM COMPLEX 52-59-20N 060-31-40E 25X1  
[ ] [ ]

STATUS: OPERATIONAL

REMARKS:

25X1 THE ENTIRE COMPLEX AND SEARCH AREA WERE OBSERVED. CONSTRUCTION CONTINUED ON AT LEAST TWO OF THE FIVE KNOWN TYPE IIIF LAUNCH SITES. CORING OPERATIONS WHICH HAD APPEARED TO BE UNDERWAY ON [ ] AT LAUNCH SITES 54 AND 57 HAD BEEN CONTINUED. A RECTANGULAR SPOIL PATTERN WAS ON THE WEST SIDE OF THE CORING AT SITE 54. A GRADED AREA EXTENDED TOWARD THE WEST FROM NEAR THIS SPOIL. A POSSIBLE GRADED AREA WAS ALSO AT SITE 58, AND THE BOTTOM OF THE CORING WAS STILL VISIBLE. NO CHANGE COULD BE OBSERVED AT SITE 55, ALTHOUGH A CRANE WAS STILL ADJACENT TO THE SILO. SITE 56 WAS STILL THE LEAST ADVANCED SITE, AS THE CORING STILL HAD NOT BEEN DEVELOPED TO ITS FULL DIAMETER. ALL SIX SITES IN LAUNCH GROUP G WERE IN A LATE STAGE OF CONSTRUCTION. WORK APPEARED TO HAVE BEEN ACCELERATED IN THE PREVIOUS 12 DAYS, AS THE HEADWORKS AT FOUR SITES HAD BEEN BACKFILLED. NO MISSILE ACTIVITY WAS OBSERVED IN THE SEARCH AREA.

25X1 [ ]

KIVERTSY MRBM COMPLEX 50-56-10N 025-34-58E 25X1  
[ ]

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITES 1, 2, AND 3 WERE PARTIALLY OBSERVED AND THE FIXED FIELD LAUNCH SITE WAS COMPLETELY OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1 [ ]

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

KONKOVICHI MRBM COMPLEX

52-12-40N 028-36-00E

25X1

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

KOROSTEN MRBM COMPLEX

50-52-30N 028-24-30E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. VEHICLES AND PIECES OF EQUIPMENT WERE VISIBLE ON ONE PAD AT FIXED FIELD SITE 1. ALSO AT FIXED FIELD SITE 1, A NEW REVETMENT HAD BEEN CONSTRUCTED SINCE [REDACTED] NO SILO CONSTRUCTION WAS OBSERVED ON COMPLETE COVERAGE OF THE SEARCH AREA.

25X1

25X1

KOSTROMA ICBM COMPLEX

58-00-12N 041-22-25E

25X1

STATUS: OPERATIONAL

REMARKS:

EIGHTY-EIGHT OF THE 90 KNOWN SS-11 LAUNCH SITES, SIX OF THE SEVEN KNOWN SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

KOZELSK ICBM COMPLEX

53-51-30N 035-45-40E

25X1

STATUS: OPERATIONAL

REMARKS:

EIGHTY-EIGHT OF THE 110 KNOWN SS-11 LAUNCH SITES, ONE SS-8 LAUNCH SITE, AND THE COMPLEX SUPPORT FACILITIES WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED IN PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

KOZHANOVICHI MRBM COMPLEX

52-11-30N 027-48-30E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON COMPLETE COVERAGE OF THE SEARCH AREA.

25X1

KROLEVETS IRBM COMPLEX

51-38-10N 033-29-35E

25X1

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

LEBEDIN IRBM COMPLEX

50-34-20N 034-25-30E

25X1

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1

LIDA MRBM COMPLEX

53-52-30N 025-24-00E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. PROBABLE VEHICLES AND PIECES OF EQUIPMENT WERE ON TWO PADS AT LAUNCH SITE 2 AND ON THREE PADS AT LAUNCH SITE 1. NO SILO CONSTRUCTION WAS OBSERVED ON COMPLETE COVERAGE OF THE SEARCH AREA.

25X1

LUTSK MRBM COMPLEX

50-48-25N 025-03-50E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED EXCEPT FOR FIXED FIELD LAUNCH SITE 1, WHICH WAS PARTIALLY OBSERVED. EXERCISES WERE OBSERVED AT LAUNCH SITES 1 AND 2. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

MAYKOP MRBM COMPLEX

44-28-40N 039-57-10E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED. THREE POSSIBLE MISSILES ON TRANSPORTERS WERE OBSERVED.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1

NADVORNAYA MRBM COMPLEX

48-38-40N 024-45-40E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITE 1, EXERCISES WERE OBSERVED AT THREE LAUNCH PADS, AND ON ONE OF THESE PADS A MISSILE WAS ERECTED. TWO MISSILES ON TRANSPORTERS AND TWO POSSIBLE MISSILES ON TRANSPORTERS WERE ON THE LOOP ROAD AT LAUNCH SITE 2. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

NOVOSIBIRSK ICBM COMPLEX

55-21-05N 083-02-30E

25X1

25X1

STATUS: UNKNOWN

REMARKS:

NONE OF THE COMPLEX WAS OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

NOVOSYSOYEVKA IRBM COMPLEX

44-09-20N 133-28-10E

25X1

25X1

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

OLOVYANNAYA ICBM COMPLEX

50-59-13N 115-57-45E

25X1

25X1

STATUS: UNKNOWN

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

REMARKS:

NONE OF THE COMPLEX WAS OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON COVERAGE OF THE EASTERN PORTION OF THE SEARCH AREA.

25X1

OMSK ICBM COMPLEX

55-07-35N 073-33-10E

25X1

STATUS: OPERATIONAL

REMARKS:

ONLY THE RAIL-TO-ROAD TRANSFER POINT WAS OBSERVED THROUGH HEAVY CLOUDS. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

OSTROG MRBM COMPLEX

50-15-40N 026-43-00E

25X1

STATUS: UNKNOWN

REMARKS:

ONLY LAUNCH SITE 1 WAS OBSERVED AND IT WAS IDENTIFIED ONLY. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

PERVOMAYSK SSM COMPLEX

47-58-30N 030-56-30E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED EXCEPT FOR TYPE IIIG LAUNCH SITES 84G, 86G, 89G, AND 91G. CABLE SCARRING WAS SEEN FOR THE FIRST TIME BETWEEN TYPE IIIG LAUNCH SITES 68H AND 78H, BETWEEN 67H, 79H, AND 80H, BETWEEN 70I AND 71I, AND BETWEEN 96I AND 97I. CABLE SCARRING WAS ALSO VISIBLE AT SITES 69H, 74H, 76H,

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

77H, AND 93I. NO NEW SILO CONSTRUCTION WAS OBSERVED ON PARTIAL  
COVERAGE OF THE SEARCH AREA.

25X1

PINSK MRBM COMPLEX

52-11-40N 025-42-40E

25X1

STATUS: OPERATIONAL

REMARKS:

LAUNCH SITES 1 AND 2 WERE OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

POSTAVY MRBM COMPLEX

55-15-00N 026-52-40E

25X1

STATUS: UNKNOWN

REMARKS:

ONLY FIXED FIELD SITE 2 AND LAUNCH SITE 3 WERE VISIBLE. THE  
LATTER WAS IDENTIFIABLE ONLY. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

RUZHANY MRBM COMPLEX

52-48-50N 024-43-50E

25X1

STATUS: UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

SLONIM MRBM COMPLEX

52-54-00N 025-21-10E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED EXCEPT FOR PART OF LAUNCH SITE  
1. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF  
THE SEARCH AREA.

25X1

SMORGON IRBM COMPLEX

54-29-05N 026-17-50E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. A PROBABLE MISSILE ON A  
TRANSPORTER WAS ALIGNED WITH THE ERECTOR ON ONE PAD AT LAUNCH  
SITE 2. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE  
OF THE SEARCH AREA.

25X1

SOKAL MRBM COMPLEX

50-24-50N 024-20-20E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. AT LAUNCH SITES 1 AND 2,  
EXERCISES WERE OBSERVED AT THREE LAUNCH PADS. NO SILO  
CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH  
AREA.

25X1

SUCHAN MRBM COMPLEX

43-06-10N 133-18-40E

25X1

STATUS: ABANDONED

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

REMARKS:

ONLY LAUNCH SITE 1 WAS OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

TATISHCHEVO ICBM COMPLEX

51-38-45N 045-28-40E

25X1

STATUS:UNKNOWN

REMARKS:

NONE OF THE COMPLEX WAS OBSERVED. NO NEW MISSILE ACTIVITY WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

TAURAGE MRBM COMPLEX

55-07-40N 022-19-45E

25X1

STATUS:UNKNOWN

REMARKS:

THE COMPLEX WAS NOT OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

TAYBOLA IRBM COMPLEX

68-29-20N 033-19-40E

25X1

STATUS:OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS  
OBSERVED.

25X1

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

TEYKOVO ICBM COMPLEX

56-55-40N 040-30-20E

25X1

STATUS: OPERATIONAL

REMARKS:

TWENTY-SIX OF THE 80 KNOWN SS-11 LAUNCH SITES, FIVE OF THE SIX KNOWN SS-7 LAUNCH SITES, THE COMPLEX SUPPORT FACILITIES, AND THE RAIL-TO-ROAD TRANSFER POINT WERE OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

UKMERGE MRBM COMPLEX

55-10-10N 024-39-30E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX EXCEPT FOR FIXED FIELD SITE 1 WAS VISIBLE. EXERCISES COULD BE SEEN ON ALL FOUR PADS AT LAUNCH SITE 2, AND UNIDENTIFIED ACTIVITY WAS IN PROGRESS ON ALL FOUR PADS AT LAUNCH SITE 1. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

UMAN MRBM COMPLEX

48-56-00N 030-26-20E

25X1

STATUS: UNKNOWN

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. VEHICLES AND PIECES OF EQUIPMENT WERE IN THE SUPPORT AREAS AT LAUNCH SITES 1, 2, AND POSSIBLY 3. ONE LARGE AND TWO SMALL VEHICLES OR PIECES OF EQUIPMENT WERE IN THE PROPELLANT STORAGE AREA AT LAUNCH SITE 1. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

USOVO MRBM COMPLEX

51-18-00N 028-12-30E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON COMPLETE COVERAGE OF THE SEARCH AREA.

25X1

UZHUR ICBM COMPLEX

55-15-35N 089-30-30E

25X1

STATUS: OPERATIONAL

REMARKS:

TWENTY OF THE 60 KNOWN SS-9 LAUNCH SITES WERE OBSERVED. NONE OF THE TYPE IIIF LAUNCH SITES WERE COVERED. FOUR OF THE LAUNCH SITES IN LAUNCH GROUP J WERE OBSERVED (LAUNCH SITES 56J, 58J, 59J, AND 60J). LAUNCH SITES 56J, 58J, AND 60J REMAINED IN A LATE STAGE OF CONSTRUCTION. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

VSELYUB MRBM COMPLEX

53-46-55N 025-45-30E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. VEHICLES WERE ON ONE PAD AT LAUNCH SITE 1, AND NETTING HAD BEEN ERECTED ON ALL FOUR PADS AT LAUNCH SITE 2. TRACK ACTIVITY WAS VISIBLE AT BOTH FIXED FIELD SITES. NO SILO CONSTRUCTION WAS OBSERVED ON COMPLETE COVERAGE OF THE SEARCH AREA.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

YELSK MRBM COMPLEX

51-43-05N 029-13-00E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

YOSHKAR-OLA ICBM COMPLEX

56-34-30N 048-10-30E

25X1

STATUS: OPERATIONAL

REMARKS:

TEN OF THE 60 KNOWN SS-13 LAUNCH SITES AND PORTIONS OF TWO LAUNCH CONTROL FACILITIES WERE OBSERVED. FOUR SS-7 LAUNCH SITES AND SIX OTHER SS-13 SITES COULD BE IDENTIFIED ONLY. NO MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

YURYA ICBM COMPLEX

59-11-30N 049-30-00E

25X1

STATUS: OPERATIONAL

REMARKS:

SIX OF THE 11 KNOWN SS-7 LAUNCH SITES WERE OBSERVED. ONE LAUNCH SITE, THE RAIL-TO-ROAD TRANSFER POINT, AND THE COMPLEX SUPPORT FACILITIES WERE PARTIALLY OBSERVED. NO NEW MISSILE ACTIVITY WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

ZHANGIZ-TOBE ICBM COMPLEX

49-13-00N 081-09-00E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX AND SEARCH AREA WERE OBSERVED. CONSTRUCTION CONTINUED ON ALL FIVE OF THE TYPE IIIF LAUNCH SITES. NO NEW MISSILE ACTIVITY WAS OBSERVED IN THE SEARCH AREA.

25X1

ZHITOMIR MRBM COMPLEX

50-07-40N 028-16-00E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. MISSILE EXERCISES WERE SEEN ON TWO PADS AT LAUNCH SITE 3. AT LAUNCH SITE 2, FIVE MISSILE TRANSPORTERS WERE NEXT TO THE SOUTHERN MISSILE-READY BUILDING. IMMEDIATELY WEST OF THE RAIL-TO-ROAD TRANSFER POINT, CONSTRUCTION ACTIVITY CONTINUED, INCLUDING EXCAVATION FOR A BUILDING FOUNDATION. THIS ACTIVITY WAS FIRST VISIBLE IN

25X1

25X1

AND WAS NOT PRESENT IN

25X1

AN AREA OF UNIDENTIFIED ACTIVITY WAS 6 NM NW OF LAUNCH SITE 2. THE AREA CONTAINED TWO LONG PARALLEL CLEARINGS, TWO DRIVE-THROUGH REVETMENTS, HEAVY TRACK ACTIVITY, AND NUMEROUS REVETMENTS. THE REVETMENTS AND TRACK ACTIVITY WERE NOT PRESENT

25X1

25X1

ZHMERINKA MRBM COMPLEX

49-09-40N 028-08-40E

25X1

STATUS: OPERATIONAL

REMARKS:

THE ENTIRE COMPLEX WAS OBSERVED. NO SILO CONSTRUCTION WAS OBSERVED ON PARTIAL COVERAGE OF THE SEARCH AREA.

25X1

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KH-4 MISSION 1115-2

SOVIET UNION  
DEPLOYED STRATEGIC SSM FACILITIES

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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KH-4 MISSION 1115-2

SOVIET UNION  
MISSILE RANGES

### SIGNIFICANT RESULTS

NENOKSA MISSILE TEST CENTER

64-38-58N 039-11-25E

25X1

STATUS: OPERATIONAL

#### REMARKS:

THE ENTIRE TEST CENTER WAS OBSERVED. NO SIGNIFICANT ACTIVITY WAS OBSERVED.

#### MISSILE ORDER OF BATTLE:

25X1

PLESETSK MISSILE AND SPACE CENTER

62-56-15N 040-37-00E

25X1

STATUS: OPERATIONAL

#### REMARKS:

THE ENTIRE MISSILE AND SPACE CENTER WAS OBSERVED.

LARGE POSSIBLE STRUCTURES OR OPEN FRAMEWORKS WERE OBSERVED AT LAUNCH SITES 16 AND 21. AT LAUNCH SITE 16, THE POSSIBLE STRUCTURE OR OPEN FRAMEWORK CONSISTED, ON [ ] OF TWO PARALLEL SIDES COVERING THE NEW LAUNCH PAD AND THE NORTHERN HALF OF THE ORIGINAL EAST PAD. THE STRUCTURE OR OPEN FRAMEWORK AT LAUNCH SITE 21, AS OBSERVED ON [ ] WAS OF A SIMILAR APPEARANCE WITH TWO PARALLEL SIDES, AND ALSO COVERED THE NEW PAD AND THE NORTHERN HALF OF THE ORIGINAL EAST PAD. THE POSSIBLE STRUCTURE OR OPEN FRAMEWORK AT LAUNCH SITE 16 DIFFERED FROM THAT AT LAUNCH SITE 21 IN THAT IT APPEARED TO BE DRAPED WITH NETTING. ALSO AT LAUNCH SITE 16, WHAT APPEARED TO BE AN OBJECT OR OBJECTS WITH OVERALL DIMENSIONS OF APPROXIMATELY [ ]

25X1

25X1

25X1

[ ] WAS BETWEEN THE TWO SIDES. THE POSSIBLE STRUCTURE OR OPEN FRAMEWORK AT LAUNCH SITE 16 IS APPROXIMATELY [ ]

25X1

25X1

25X1

[ ] HIGH. IT WAS ALIGNED ON AN AZIMUTH OF [ ] THE POSSIBLE STRUCTURE OR OPEN FRAMEWORK AT LAUNCH SITE 21 IS APPROXIMATELY [ ] AND WAS ALIGNED ON AN AZIMUTH OF [ ] IT WAS NOT PRESENT ON [ ]

25X1

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
MISSILE RANGES

25X1

25X1

ACTIVITY WHICH WAS POSSIBLY CHECKOUT RELATED WAS OBSERVED AT LAUNCH SITES 11 AND 14. ACTIVITY WAS ALSO OBSERVED FOR THE FIRST TIME ON 17 SEP AT THE BUNKERED PORTION OF THE PROPELLANT HANDLING AND STORAGE FACILITY. THE LATTER ACTIVITY CONSISTED OF THREE TANK CARS POSITIONED AT THE SOUTHERN TRANSFER RACK. THE NEW BUILDING IN THE MISSILE ASSEMBLY AREA AT LAUNCH SITE 1 WAS OBSERVED TO BE IN A MIDSTAGE OF CONSTRUCTION. THE WALLS APPEARED TO HAVE REACHED THEIR FULL HEIGHT. THE BUILDING WILL HAVE TWO BAYS WITH A WALL OF FULL HEIGHT DOWN THE CENTERLINE.

25X1

TYURATAM ICBM LAUNCH TEST SITE H1/2

45-59-30N 063-42-01E

25X1

STATUS:UNKNOWN

## REMARKS:

25X1

LITTLE CHANGE WAS DETECTABLE AT LAUNCH COMPLEX H SINCE IT WAS OBSERVED ON [REDACTED] THE DARK-TONED OBJECT NEAR THE PAD AT H2 APPEARED TO BE IN THE SAME POSITION AS BEFORE. THE CONCRETE BASIN AT THE FORWARD END OF THE ARROWHEAD-SHAPED AREA ADJACENT TO PAD H1 APPEARED TO HAVE BEEN PARTIALLY PAVED AND REMAINED SMALLER THAN THE SIMILAR BASIN AT PAD H2. THE DITCHES WHICH HAD BEEN DUG FORWARD OF PAD H1 HAD BEEN BACKFILLED.

25X1

TYURATAM MISSILE TEST CENTER

45-56-40N 063-28-00E

25X1

STATUS:OPERATIONAL

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
MISSILE RANGES

REMARKS:

25X1

ALL KNOWN COMPONENTS OF THE TEST CENTER WERE OBSERVED ON ☐

25X1

☐ PARTIAL COVERAGE WAS OBTAINED ON ☐ A PROBABLE

25X1

25X1

MISSILE LOADING OPERATION WAS UNDERWAY AT THE CENTER SILO OF  
LAUNCH SITE D1 ON ☐ AT LAUNCH SITE G3-G4, THE GANTRY WAS  
FORWARD ON PAD G4 BUT IT COULD NOT BE DETERMINED IF THE GANTRY  
CONTAINED A LAUNCH VEHICLE. A PROBABLE PROPELLANT LOADING  
OPERATION WAS OBSERVED AT LAUNCH SITE K2 ON ☐ NO  
ADDITIONAL CONSTRUCTION DETAILS WERE OBSERVED AT THE IIIF  
LAUNCH SITES OF LAUNCH GROUP R OR AT THE IIIG LAUNCH SITES OF  
LAUNCH GROUP S. A CRANE WAS NEAR EACH OF THE PROBABLE SILOS AT  
THE NEW PROBABLE LAUNCH SITE 14 NM NW OF LAUNCH COMPLEX D.  
ADDITIONAL SPOIL WAS IN THE AREA AROUND EACH PROBABLE SILO. NO  
OTHER SIGNIFICANT ACTIVITY WAS OBSERVED AT THE TEST CENTER.

25X1

25X1

☐

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

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SOVIET UNION  
AIR DEFENSE MISSILES

SIGNIFICANT RESULTS

MOSKVA ABM LAUNCH COMPLEX E15

55-09-00N 038-22-00E

25X1

STATUS: UNDER CONSTRUCTION

REMARKS:

CONSTRUCTION ACTIVITY CONTINUED IN THE TRY ADD AREA. THE BUILDING BEING CONSTRUCTED CONTIGUOUS TO TRY ADD BUILDING A AND THE BUILDING BEING CONSTRUCTED NORTH OF TRY ADD BUILDING B HAD BEEN ROOFED. UNIDENTIFIED STRUCTURES OR MATERIALS APPEARED TO BE ON THE ROOF OF TRY ADD BUILDING A. NO APPARENT CHANGE WAS OBSERVED IN THE ANTENNA BUILDING SW OF TRY ADD BUILDING A OR IN TRY ADD BUILDINGS B OR C.

25X1

MOSKVA ABM LAUNCH COMPLEX E21

55-04-00N 037-01-00E

25X1

STATUS: UNDER CONSTRUCTION

REMARKS:

CONSTRUCTION ACTIVITY CONTINUED. THE THREE SMALLER PROBABLE ANTENNA BUILDINGS UNDER CONSTRUCTION HAD BEEN COMPLETELY ROOFED WITH THE EXCEPTION OF A SMALL AREA IN THE CENTER OF EACH BUILDING. THESE BUILDINGS APPEAR TO BE CONNECTED BY ABOVEGROUND CABLE CONDUITS TO THE LARGER PROBABLE ANTENNA BUILDING UNDER CONSTRUCTION NEAR TRY ADD BUILDING A. NO NEW AREAS OF CONSTRUCTION WERE OBSERVED.

25X1

MOSKVA ABM SUPPORT FACILITY BOROVSK

55-18-00N 036-33-05E

25X1

STATUS: OPERATIONAL

MISSILE ORDER OF BATTLE:

25X1

30 GALOSH CANISTERS (AT  
LEAST)

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
AIR DEFENSE MISSILES

25X1

OTHER RESULTS-NO APPARENT CHANGE

MOSKVA ABM LAUNCH COMPLEX E24

55-21-10N 036-29-24E

25X1

STATUS: OPERATIONAL

25X1

MOSKVA ABM LAUNCH COMPLEX E31

56-08-05N 036-29-37E

25X1

STATUS: OPERATIONAL

25X1

MOSKVA ABM LAUNCH COMPLEX E33

56-20-10N 036-48-07E

25X1

STATUS: OPERATIONAL

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
AIR BASE FACILITIES

SIGNIFICANT RESULTS

FERGANA AIRFIELD

40-21-21N 071-44-28E

25X1

STATUS: OPERATIONAL

REMARKS:

25X1

AN INCREASE OF 30 CAT/CUB HAS OCCURRED SINCE [REDACTED]  
[REDACTED], THE HIGHEST NUMBER OF CUB EVER OBSERVED AT THE  
AIRFIELD WAS 84, SEEN ON [REDACTED]

25X1

25X1

25X1

AIR ORDER OF BATTLE:

72 CAT/CUB

10 PROB COLT

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
NAVAL BASE FACILITIES

## SIGNIFICANT RESULTS

ARA GUBA NAVAL BASE

69-22-20N 032-47-57E

25X1

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1

1 PETYA-II DE  
1 ATREK ASL1 DVINA YR  
1 YR

25X1

DUNAY SUB BASE A SHPYD RAZBOYNIK BAY

42-53-47N 132-21-24E

25X1

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED ON THE NEW BUILDING AT THE SHIPYARD.

NAVAL ORDER OF BATTLE:

25X1

1 PROB E-II SSGN (IN REPAIR  
DOCK)  
4 POTI PC  
6 PROB PTC  
4 VANYA MHC  
14 UNIDENTIFIED AG  
1 202A AR1 DNEPR AR  
7 YAGT  
2 PROB ROSTA A YRSN  
2 PROB SPECIAL-PURPOSE  
BARGES  
3 MISCELLANEOUS BARGES

25X1

DUNAY SUB BASE KONYUSHKOVA BAY

42-51-52N 132-21-59E

25X1

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION APPEARED TO BE CONTINUING ON THE PIER EXTENSION.

NAVAL ORDER OF BATTLE:

25X1

2 PROB J SSG

1 POSS OSS

25X1

80

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TOP SECRET

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
NAVAL BASE FACILITIES1 PROB W SSG (LONG BIN) 5 YAG  
1 POSS SS

25X1

LITSA GUBA SUBMARINE BASE NORTH

69-27-05N 032-26-35E

STATUS: OPERATIONAL

25X1

## REMARKS:

ONE POSSIBLE E-II SSGN AND TWO UNIDENTIFIED VESSELS WERE AT THE  
DEGAUSSING FACILITY ACROSS THE BAY.

## NAVAL ORDER OF BATTLE:

25X1

3 POSS E-II SSGN  
1 UGRA AS  
3 POSS BOLVA APL3 UNIDENTIFIED VESSELS  
1 MISCELLANEOUS VESSEL

25X1

LITSA GUBA SUBMARINE BASE SOUTH

69-26-17N 032-25-14E

STATUS: OPERATIONAL

25X1

## REMARKS:

CONSTRUCTION ACTIVITY WAS CONTINUING SE OF THE PIER AREA. AN  
ARCH-ROOFED PROBABLE STORAGE BUILDING WAS UNDER CONSTRUCTION IN  
THE BASE SUPPORT AREA.

## NAVAL ORDER OF BATTLE:

25X1

1 P SSGN  
2 E-II SSGN  
2 C SSGN  
4 C/V SSGN/SSN  
1 N SSN1 UNIDENTIFIED SS  
1 KHERSON-A APL  
1 BOLVA APL  
1 POSS AS  
4 UNIDENTIFIED VESSELS

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
NAVAL BASE FACILITIES

OLENYA GUBA SUBMARINE BASE

69-12-51N 033-22-32E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1

9 LARGE SUBMARINES  
1 POSS SUBMARINE  
1 UGRA AS1 POSS LIBAU AGCL  
1 POSS DUNA YR  
1 UNIDENTIFIED VESSEL

25X1

PALA GUBA NAVAL BASE + SHIP RPR YARD

69-11-53N 033-25-24E

REMARKS:

CONSTRUCTION WAS CONTINUING ON THE TWO SHOP-TYPE BUILDINGS.

NAVAL ORDER OF BATTLE:

25X1

1 Y SSBN (IN ARD-D)  
3 H-II SSBN  
2 E-II SSGN  
3 N SSN  
1 C/V SSGN/SSN (IN ARD-D)1 UNIDENTIFIED LARGE SS  
3 UNIDENTIFIED VESSELS  
2 BARGES  
1 SS (IN ARD-T, ON  
2 ARD(D) (1 COVERED)

25X1

25X1

PECHENGA SUBMARINE BASE LINAKHAMARI

69-38-20N 031-21-37E

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1

5 PROB SS  
1 PROB AR1 PROB ASL  
27 UNIDENTIFIED VESSELS

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
NAVAL BASE FACILITIES

PETROPAVLOVSK NAVAL BASE MYS IZMENNY

52-56-35N 158-39-17E

25X1

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1

14 UNIDENTIFIED VESSELS

25X1

PETROPAVLOVSK SHPYD + NVB SELDEVAYA

52-53-24N 158-25-35E

25X1

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED ON THE BUILDING NEAR THE MAIN QUAY.

THE ARD (T) NO 1 REMAINED AT THE QUAY. IT WAS OCCUPIED BY AN  
UNIDENTIFIED SMALL VESSEL.

NAVAL ORDER OF BATTLE:

25X1

-- AT MAIN BASE

2 F7Z SS

1 H-II SSGN

1 E SSGN

1 PROB KOTLIN DD

1 POSS SKORYY DD

1 PROB PETYA DE (IN FDD)

1 PROB RIGA DE (IN FDD)

2 PROB POTI PC

1 DNEPR AR

1 202A AR

1 ARD (T) NO 1

1 ZABAYKALYE APB

2 TUGS

7 UNIDENTIFIED VESSELS

25X1

-- AT SW PIERS

1 PROB E SSGN

1 ZEYA YRSN

1 PM-124 YRSN

3 MISCELLANEOUS VESSELS

25X1

PETROPAVLOVSK SUB B A SHPYD TARYA BAY

52-54-45N 158-29-39E

25X1

STATUS: OPERATIONAL

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
NAVAL BASE FACILITIES

## REMARKS:

CONSTRUCTION CONTINUED ON THE PIER APPROACH AT THE WESTERN  
EXTREMITY OF THE WATERFRONT AND ON THE ARCH-ROOFED BUILDINGS.  
THE FLOATING DOCK WAS EMPTY.

## NAVAL ORDER OF BATTLE:

25X1

1 Y SSBN	1 ZABAYKALYE APB
2 E SSGN	2 BOLVA APL
1 POSS E-I SSN	1 ARD (T)
2 N SSN	1 ZEYA YRSN
2 POSS UNIDENTIFIED SS	17 UNIDENTIFIED VESSELS
1 PROB OSKOL AR	

25X1

POLYARNYY SUBMARINE BASE

69-12-09N 033-27-58E

STATUS: OPERATIONAL

## NAVAL ORDER OF BATTLE:

25X1

10 MEDIUM SS	1 AUXILIARY
2 PROB PETYA DE	1 APL
7 SMALL COMBATANTS (1 IN ARD-T)	2 ARD (T)
1 WILHELM BAUER ASL	5 MISCELLANEOUS CRAFT

25X1

ROSTA NAVAL BASE + SHP RPR YD SEVMORPU

69-01-47N 033-04-00E

STATUS: OPERATIONAL

## REMARKS:

CONSTRUCTION WAS CONTINUING ON THE LARGE FABRICATION-TYPE  
BUILDING NEAR THE MAIN QUAY AND ON THE BARRACKS-TYPE BUILDING  
IN THE NORTHERN AREA OF THE BASE.

## NAVAL ORDER OF BATTLE:

25X1

10 MEDIUM SS	1 SMALL COMBATANT
2 PROB MEDIUM SS (IN GRAVING DOCK)	1 UGRA AS
	1 KAZBEK AO

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
NAVAL BASE FACILITIES

2 SKORYY DD	3 AUXILIARIES
4 PROB MEDIUM COMBATANTS (1 IN GRAVING DOCK)	1 ARD (D)
2 PROB PETYA DE	4 MISCELLANEOUS CRAFT

25X1

SAYDA GUBA SUBMARINE BASE

69-15-32N 033-19-51E

25X1

STATUS: OPERATIONAL

## REMARKS:

THREE OF THE NINE Y SSBN HAD DARK-TONED SONAR ARRAYS. AN UNIDENTIFIED SS WAS OBSERVED UNDERWAY AT THE MOUTH OF THE KOLA INLET. CONSTRUCTION ACTIVITY CONTINUED ON THE SW EDGE OF THE BASE.

## NAVAL ORDER OF BATTLE:

25X1

9 Y SSBN	1 DNEPR AR
1 SS (AT MOUTH OF KOLA INLET)	1 UGRA AS
1 PROB K-1 OSS	1 DVINA YR
3 BOLVA APL	3 UNIDENTIFIED VESSELS
1 AMUR AR	6 MISCELLANEOUS CRAFT

25X1

SEVERODVINSK NAVAL BASE WEST

64-34-16N 039-45-51E

25X1

STATUS: OPERATIONAL

## REMARKS:

CONSTRUCTION WAS CONTINUING ON THE ADMINISTRATION-TYPE BUILDING.

## NAVAL ORDER OF BATTLE:

25X1

1 J SSG	3 AUXILIARIES
5 MEDIUM SS	1 BOLVA APL
4 RIGA DE	1 T-58 ASR
1 T-58 MSF	1 ZEYA YRSN
1 T-43 MSF	3 ARD-T
2 PROB T-43 MSF	2 YAGT

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
NAVAL BASE FACILITIES1 SMALL COMBATANT  
1 MP-8 LSM

19 MISCELLANEOUS CRAFT

25X1

SEVEROMORSK NAVAL BASE

69-04-42N 033-25-57E

25X1

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1

2 KRESTA CLGM  
1 SVERDLOV CL AT ANCHOR (2  
ON  
1 KANIN DDG  
1 KOTLIN DDG  
1 KOTLIN DD2 SKORYY DD  
1 KOLA DE  
3 PETYA DE (2 ON  
1 PRUT ASR  
3 MISCELLANEOUS CRAFT

25X1

25X1

STRELOK ST SUB BASE PAVLOVSKOGO BAY

42-52-06N 132-31-43E

25X1

STATUS: OPERATIONAL

REMARKS:

TWO LARGE SUBMARINES WERE OBSERVED UNDERWAY. ONE WAS SOUTH AND  
THE OTHER WAS WEST OF THE BASE.

NAVAL ORDER OF BATTLE:

25X1

3 E SSGN/SSN  
2 LARGE SS (UNDERWAY)  
1 OSS2 AKL  
1 VALA AOSR  
3 SMALL CRAFT

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
NAVAL BASE FACILITIES

URA GUBA SUBMARINE BASE

69-19-45N 032-51-09E

25X1

STATUS: OPERATIONAL

NAVAL ORDER OF BATTLE:

25X1

12 SS (APPROXIMATELY, 1 IN  
ARD-T)  
1 J SSG  
2 BOLVA APL  
1 ATREK ASL1 WILHELM BAUER ASL  
1 POSS DUNA YR  
1 SUPPORT-CLASS YR  
10 UNIDENTIFIED VESSELS

25X1

VLADIVOSTOK NAVAL BASE + SHIPYARD 202

43-06-25N 131-55-24E

25X1

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED ON THE QUAY EXTENSION AND ON THE  
BUILDING AT THE EASTERN END OF GOLDEN HORN BAY. GRAVING DOCK  
NO III WAS UNOCCUPIED. KEEL BLOCKS WERE OBSERVED ON THE DOCK  
FLOOR. GRAVING DOCK NO II CONTAINED SEVEN PROBABLE FISHING  
VESSELS. A LARGE CIRCULAR PLATFORM WAS OBSERVED IN GRAVING  
DOCK NO I WITH A PROBABLE PETYA DE AND TWO UNIDENTIFIED  
VESSELS. AN EMPTY TRANSPORTER DOCK WAS UNDER TOW OUTBOUND FROM  
GOLDEN HORN BAY.

NAVAL ORDER OF BATTLE:

25X1

2 PROB G SSB  
2 PROB J SSG  
7 W/R SS  
8 UNIDENTIFIED SS (1 IN  
FDD)  
2 SVERDLOV CL  
1 KASHIN DLG  
2 KRUPNYY DDGS (DISARMED)  
1 KOTLIN DDG  
4 PROB KOTLIN DD  
1 SKORYY DD  
1 UNIDENTIFIED DD  
1 PROB DE6 PROB PETYA DE (1 IN GD 1,  
1 IN FDD)  
1 PROB GRISHA PCS  
1 PROB UGRA AS  
1 SKORYY AG  
2 DOBRYNYA NIKITICH AGBL  
2 DESNA AGM  
9 UNIDENTIFIED AG  
1 KRUPNYY YRSN  
2 ARD(T)  
MISCELLANEOUS VESSELS  
(NUMEROUS)

25X1

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TOP SECRET

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
NAVAL BASE FACILITIES

25X1

VLADIVOSTOK SUBMARINE BASE ULISA BAY

43-04-49N 131-55-21E

25X1

STATUS: OPERATIONAL

REMARKS:

CONSTRUCTION CONTINUED ON THE ARCH-ROOFED STORAGE BUILDINGS IN THE WESTERN PART OF THE BASE.

NAVAL ORDER OF BATTLE:

25X1

5 SUBMARINES (UNIDENTIFIED)	1 POSS AG
1 MSF (ACROSS THE BAY)	5 SMALL CRAFT
1 AG	

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
GROUND FORCE FACILITIES

**SIGNIFICANT RESULTS**

ARTEMOVSK ARMY BARRACKS NORTH AL 1

48-35-42N 037-58-48E

25X1

STATUS:OCCUPIED

**REMARKS:**

EQUIPMENT PATTERNS WERE DISCERNIBLE, BUT THE SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED AN ACCURATE COUNT OF VEHICLES AND EQUIPMENT.

25X1

BELAYA TSERKOV ARMY BKS ROSS AL 1

49-48-43N 030-05-49E

25X1

STATUS:OCCUPIED

**REMARKS:**

CONSTRUCTION CONTINUED ON THE FOUR NEW VEHICLE STORAGE BUILDINGS AT THE NORTH EDGE OF THE INSTALLATION.

**GROUND FORCE ORDER OF BATTLE:**

25X1

NONE DISCERNIBLE

25X1

BELGOROD-DNESTROVSKIY ORDNANCE DEPOT

46-11-25N 030-21-30E

25X1

STATUS:OCCUPIED

**REMARKS:**

PATTERNS OF VEHICLES WERE DISCERNIBLE, BUT NUMBER AND TYPE COULD NOT BE DETERMINED BECAUSE OF LIMITED INTERPRETABILITY.

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
GROUND FORCE FACILITIES

CHERNOVTSY ARMY BKS SOUTHEAST AL 1

48-17-30N 025-57-49E

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

20 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

CHITA ARMY BARRACKS PESCHANKA AL 1

51-59-40N 113-34-30E

STATUS:OCCUPIED

REMARKS:

MAJOR ELEMENTS OF THE ENGINEER BATTALION AND THE ENTIRE  
CHEMICAL DEFENSE COMPANY WERE ABSENT FROM THEIR MOTOR PARKS.

GROUND FORCE ORDER OF BATTLE:

1200 VEHICLES/PIECES OF  
EQUIP (AT LEAST)

IVANO FRANKOVSK ARMY BKS SOUTH AL 1

48-54-22N 024-42-22E

STATUS:OCCUPIED

REMARKS:

EQUIPMENT PATTERNS WERE DISCERNIBLE, BUT THE LIMITED  
INTERPRETABILITY AND SMALL SCALE OF THE PHOTOGRAPHY PRECLUDED  
AN ACCURATE COUNT OF VEHICLES AND EQUIPMENT.

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TOP SECRET

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
GROUND FORCE FACILITIES

KOLOMYYA ARMY BARRACKS NNW AL 4

48-32-28N 025-00-51E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

8 POSS TRACKED VEHICLES 11 VEHICLES/PIECES OF EQUIP

25X1

KOROSTEN ARMY BARRACKS LUGINY AL 3

51-05-31N 028-22-51E

25X1

STATUS:OCCUPIED

REMARKS:  
THE VEHICLE STORAGE OR MAINTENANCE BUILDING WAS STILL UNDER  
CONSTRUCTION.

GROUND FORCE ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

LENINAKAN ARMY BARRACKS NORTH AL 3

40-48-32N 043-49-40E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

175 VEHICLES/PIECES OF  
EQUIP (AT LEAST)

25X1

URECHYE ARMY BKS SE AL 1

52-56-26N 027-54-22E

25X1

STATUS:OCCUPIED

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
GROUND FORCE FACILITIES

25X1

GROUND FORCE ORDER OF BATTLE:

VEHICLES/PIECES OF EQUIP  
(NUMEROUS)

25X1

VILNIUS ARMY BARRACKS AL 1

54-42-40N 025-17-50E

25X1

STATUS:OCCUPIED

25X1

GROUND FORCE ORDER OF BATTLE:

6 PROB VEHICLES (AT LEAST)

25X1

VLADIMIR-VOLYNSKIY ARMY BARRACKS AL 1

50-52-05N 024-19-43E

25X1

STATUS:OCCUPIED

REMARKS:  
THE POOR INTERPRETABILITY OF THE PHOTOGRAPHY PRECLUDED  
IDENTIFICATION OF EQUIPMENT BY TYPE.

25X1

GROUND FORCE ORDER OF BATTLE:

20 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

25X1

VOLKA ARMY BARRACKS AL 1

52-47-40N 025-39-47E

25X1

STATUS:OCCUPIED

25X1

GROUND FORCE ORDER OF BATTLE:

7 ROWS OF PROB MAZ-537  
(MOST WITH TRAILERS)

25X1



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
GROUND FORCE FACILITIES

25X1

YEREVAN ARMY BARRACKS MGUB AL 9

40-15-00N 044-36-07E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

25 VEHICLES/PIECES OF EQUIP  
(AT LEAST)

25X1

ZHITOMIR ARMY BARRACKS WEST AL 3

50-14-43N 028-37-38E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

60 VEHICLES/PIECES OF EQUIP

25X1

OTHER RESULTS-NO APPARENT CHANGE

CHERKASSY ARMY BARRACKS AL 1

49-26-26N 032-02-51E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

25X1

KAUNAS ARMY BKS SE AL 2

54-51-35N 023-57-30E

25X1

STATUS:OCCUPIED

25X1

25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
GROUND FORCE FACILITIES

GROUND FORCE ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

KAUNAS HQ GDS ABN R DIV AL 11

54-53-50N 023-55-00E

25X1

STATUS:UNKNOWN

GROUND FORCE ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

KRIVROY ROG ARMY BARRACKS AL 1

47-53-32N 033-19-15E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

KRIVROY ROG ARMY BARRACKS AL 2

47-53-00N 033-14-50E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

LUBNY ARMY BARRACKS SULA RIVER AL 1

50-01-17N 033-01-19E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
GROUND FORCE FACILITIES

NONE DISCERNIBLE

25X1

NOVOGRAD-VOLYNSKIY ARMY BARRACKS AL 2

50-35-29N 027-39-04E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

OVRUCH ARMY BARRACKS AL 1

51-19-53N 028-47-58E

25X1

STATUS:OCCUPIED

REMARKS:  
THE VEHICLE STORAGE BUILDINGS, SUPPORT BUILDINGS, AND APARTMENT  
BUILDINGS APPEARED TO BE EXTERNALLY COMPLETE.

GROUND FORCE ORDER OF BATTLE:

25X1

NONE DISCERNIBLE

25X1

TIRASPOL ARMY BARRACKS WEST AL 1

46-50-20N 029-34-57E

25X1

STATUS:OCCUPIED

GROUND FORCE ORDER OF BATTLE:

25X1

25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
NUCLEAR ENERGY

### SIGNIFICANT RESULTS

DODONOVO ATOMIC ENERGY COMPLEX

56-19-59N 093-36-44E

25X1

STATUS: OPERATIONAL

#### REMARKS:

OPERATIONAL AREA -- CHEMICAL PROCESS SECTION -- TWO TRENCHES  
HAD BEEN EXCAVATED ACROSS THE WEST SIDE OF THE SECTION BETWEEN  
THE BUILDINGS AND THE SIX PIPELINES.

UNDERGROUND AREA -- CONSTRUCTION CONTINUED ON THE NEW PROBABLE  
RAILROAD ADIT REPORTED IN [REDACTED].

25X1

25X1

25X2

96  
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TOP SECRET

25X1

25X2

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25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
INDUSTRY

## SIGNIFICANT RESULTS

CHELNOPUSHKA SHIP REPAIR YARD

69-03-37N 033-13-43E

25X1

STATUS: OPERATIONAL

## REMARKS:

CONSTRUCTION CONTINUED ON THE SUPPORT BUILDING IN THE NORTHERN  
AREA OF THE YARD.

25X1

## NAVAL ORDER OF BATTLE:

1 Y SSBN (IN ARD-D)  
1 PETYA DE  
2 POTI PCE  
2 SMALL COMBATANTS1 ATREK ASL  
1 AUXILIARY  
10 MISCELLANEOUS CRAFT

25X1

GORKIY SHIPYARD NO 112

56-21-50N 043-52-42E

25X1

STATUS: OPERATIONAL

## REMARKS:

MOST OF THE YARD WAS OBSCURED BY CLOUDS, BUT CONSTRUCTION  
APPEARED TO BE CONTINUING IN THE VICINITY OF THE LARGE  
FABRICATION BUILDING.

25X1

## NAVAL ORDER OF BATTLE:

7 MISCELLANEOUS CRAFT (AT  
LEAST)

25X1

KOMSOMOLSK SHIPYARD AMUR 199

50-32-10N 137-03-21E

25X1

STATUS: OPERATIONAL

## REMARKS:

THE Y SSBN, THE ARD (T) NO 1, AND THE 975-CLASS YRSN REMAINED  
IN THE SAME POSITIONS AS REPORTED ON

25X1

100  
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TOP SECRET

25X1

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KH-4 MISSION 1115-2

SOVIET UNION  
INDUSTRY

25X1 [ ] THERE WAS NO SIGNIFICANT CHANGE OR MOVEMENT AT THE  
25X1 YARD SINCE [ ]

NAVAL ORDER OF BATTLE:

25X1 [ ]  
1 Y SSBN 1 FERRY  
1 975-CLASS YRSN 1 TRANSPORTER CRANE  
1 ARD(T) NO 1

25X1 [ ]

LUKHOVITSY AIRFRAME PLT

54-54-30N 039-02-25E

[ ]  
STATUS: OPERATIONAL

25X1

ASSOCIATED OBJECTS:

25X1 [ ] -- AT THE PLANT

1 PROB COOT 45 SMALL DELTA/SWEPT-WING  
1 PROB MAY (AT LEAST)  
3 MEDIUM SWEPT-WING 4 LIGHT STRAIGHT-WING

25X1 [ ]

NIKOLAYEV SHIPYARD NOSENKO 444

46-56-56N 031-58-13E

[ ]  
STATUS: OPERATIONAL

25X1

REMARKS:

CONSTRUCTION CONTINUED ON THE 444B HULL. POSSIBLE  
SUPERSTRUCTURE FRAMING WAS OBSERVED FORWARD. PORTIONS OF THE  
MAIN DECK HAVE BEEN COVERED WITH DECK PLATING.

25X1 NAVAL ORDER OF BATTLE:

[ ]  
1 DD (IN THE RIVER) 1 MERCHANT SHIP (KAPITAN  
2 LAMA AEM KUSHNARENKO CLASS)  
1 UGRA AS 6 MISCELLANEOUS CRAFT (2  
2 PRIMORYE AGI UCON ON BUILDINGWAYS)  
2 MINTAY FFT 1 444B HULL

25X1 [ ]

25X1

25X1

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25X1

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TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
INDUSTRY

NIKOLAYEV SHPYD NORTHERN 61 KOMMUNA445

46-58-40N 032-00-19E

25X1

STATUS: OPERATIONAL

## REMARKS:

THE 445B CLGM WAS OBSERVED MOORED IN MIDSTREAM IN THE NARROW ESTUARY. THE SHIP WAS APPARENTLY READY FOR SEA. IT HAD BEEN TURNED ABOUT AND WAS HEADED TOWARD THE DRAWBRIDGE WHICH BLOCKS THE ONLY CHANNEL TO THE YUZHNYI BUG RIVER. A TUG AND THE FLOATING POWER OR STEAM BARGE WERE ATTENDING. NO SMOKE OR STEAM COULD BE SEEN COMING FROM THE SHIP.

## NAVAL ORDER OF BATTLE:

25X1

2 445B CLGM	1 OSKOL AR
4 KASHIN DLG (1 UCON ON BUILDINGWAY 3)	1 PRUT ASR
1 KILDIN DDGS	1 POSS PRUT ASR
1 KOTLIN DDG	1 SIBIR REFRIGERATOR SHIP
	7 MISCELLANEOUS CRAFT

## ASSOCIATED OBJECTS:

25X1

1 445B CLGM STACK

25X1

PETROVKA NAVAL BASE + SHIPYARD

43-06-58N 132-20-31E

25X1

STATUS: OPERATIONAL

## REMARKS:

THE THIRD SECTION OF ROOFING OVER THE REPAIRWAY WAS NOT YET COMPLETE. CONSTRUCTION CONTINUED IN THE AREA EAST OF THE WET DOCK AND IN THE AREA EAST OF THE COVERED REPAIRWAY. THE STATUS OF CONSTRUCTION ON THE NEW BUILDING NEAR POSITIONS IX AND X OF THE FITTING-OUT AND REPAIR YARD COULD NOT BE DETERMINED.

## NAVAL ORDER OF BATTLE:

25X1

1 LARGE SS (AT SOUTH PIER)	1 FLOATING CRANE
1 POSS 202A AR	4 PROB RECTANGULAR SPT BARGES
1 PROB ARD(T) NO 2	
1 ZEYA YRSN	18 UNIDENTIFIED VESSELS (4

25X1

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TOP SECRET



25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
INDUSTRY

1 PETROVKA YRSN

ON REPAIRWAYS)

25X1

RAMENSKOYE FLIGHT TEST CENTER

55-33-45N 038-07-05E

25X1

STATUS: OPERATIONAL

## REMARKS:

THE MIKOYAN AND SUKHOY AREAS WERE CLOUD COVERED. SCATTERED  
CLOUDS AND HAZE PREVENTED A COMPLETE READOUT OF THE TUPOLEV AND  
EAST PARKING AREAS.

## ASSOCIATED OBJECTS:

25X1

[REDACTED] -- IN TUPOLEV AREA

1 POSS BACKFIRE

1 PROB CARELESS

1 POSS BEAR

6 MEDIUM SWEEP-WING

1 POSS FIDDLER

3 HEAVY SWEEP-WING

1 CLEAT

25X1

[REDACTED] -- IN EAST PARKING AREA

5 PROB BADGER

3 POSS COOKPOT

2 POSS FOXBAT

25X1

[REDACTED] -- IN CROSSOVER AREA

20 DELTA/SWEEP-WING (AT  
LEAST)

25X1

[REDACTED] -- IN YAKOVLEV AREA

3 PROB CODLING

2 LIGHT STRAIGHT-WING

25X1

[REDACTED] -- IN ILYUSHIN AREA

1 PROB BADGER

4 PROB COOT

1 CANDID

2 PROB MAY

1 CLASSIC

1 HOMER

1 PROB CAMEL/COOKER

3 POSS DELTA/SWEEP-WING

1 PROB CAT/CUB

25X1

[REDACTED] -- IN MIL AREA

3 POSS LARGE HELICOPTERS

6 POSS MEDIUM HELICOPTERS  
(AT LEAST)

25X1

[REDACTED] -- IN TRANSIENT AREA

6 PROB CAMEL/COOKER

3 SMALL DELTA/SWEEP-WING

7 CAT/CUB/CAMP

1 LIGHT STRAIGHT-WING

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25X1

25X1

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25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2SOVIET UNION  
INDUSTRY2 PROB COOT  
2 POSS COKE  
1 PROB CAB2 SMALL STRAIGHT-WING  
2 LARGE HELICOPTERS

25X1

[REDACTED] --IN MYASISHCHEV AREA

1 BISON  
1 BOUNDER  
1 POSS PHANTOM F-4  
1 POSS MIRAGE1 POSS CAMEL/COOKER  
3 PROB COOT  
3 DELTA/SWEPT-WING

25X1

SEVERODVINSK NUC SUB SPECIAL SPT FAC

64-34-55N 039-46-36E

25X1

STATUS: OPERATIONAL

## REMARKS:

CONSTRUCTION WAS CONTINUING ON THE BUILDING IN THE NE CORNER OF  
THE FACILITY AND ON THE QUAY EXTENSION.

## NAVAL ORDER OF BATTLE:

25X1

2 E-II SSGN  
1 V SSN  
1 BUSSARD AKL2 RECTANGULAR SPT BARGES  
1 CARGO BARGE  
4 YAGT

25X1

SEVERODVINSK SHIPYARD YAGRY ISLAND

64-35-11N 039-48-52E

25X1

STATUS: OPERATIONAL

## REMARKS:

THE 402K SSB REMAINED AT POSITION I OF THE MAIN QUAY. AN E-II  
SSGN, A G SSB (IN CONVERSION), AN N SSN, AND A RECTANGULAR  
SUPPORT BARGE WERE IN THE WET BASIN. THE A SSN REMAINED  
BETWEEN THE 925-CLASS YRSN AND THE 975-CLASS YRSN. FOOTINGS FOR  
A LARGE POSSIBLE FABRICATION-TYPE BUILDING WERE OBSERVED NW OF  
THE WET BASIN.

## NAVAL ORDER OF BATTLE:

25X1

3 E-II SSGN (1 IN BASIN, 1  
IN ARD-D)1 IRTYSH ASL  
1 ZEYA YRSN

25X1

25X1

25X1

WITH AGENCY OR DEPT. DIRECTIVES

TCS-20445/71 - IPIR 2  
KH-4 MISSION 1115-2

SOVIET UNION  
INDUSTRY

2 N SSN (1 IN BASIN)  
1 A SSN  
1 402K SSB  
1 G SSB  
2 BOLVA APL

1 925-CLASS YRSN  
1 975-CLASS YRSN  
5 RECTANGULAR SPT BARGES  
1 ARD-D

25X1

SEVERODVINSK SHIPYARD 402

64-34-42N 039-49-09E

25X1

STATUS: OPERATIONAL

REMARKS:

25X1

TWO Y SSBN WERE SEEN AT THE SHIPYARD. THE Y SSBN LAUNCHED IN EARLY [REDACTED] REMAINED IN THE LAUNCH BASIN. THE SUBMARINE HAD MOVED FROM ITS LAUNCH POSITION TO THE DEEP PORTION OF THE BASIN. IT HAD THE BOW TOWARD THE BASIN GATE. FLOTATION DEVICE SUPPORTS WERE ATTACHED TO THE HULL, AND A TUG WAS ALONGSIDE. THE OTHER Y SSBN HAD MOVED FROM POSITION II OF THE MAIN QUAY TO A POSITION AT THE DEGAUSSING SITE. IT ALSO HAD A TUG ALONGSIDE.

THE H-III SSBN REMAINED AT THE MAIN QUAY AS DID THE 402L. THE C SSGN OBSERVED AT THE EAST QUAY IN AN ARD-T ON [REDACTED] WAS IN THE WATER ALONGSIDE A 925-CLASS YRSN. THREE OR FOUR SUBMARINE HULL SECTIONS WERE SEEN AT THE ENTRANCE TO THE MAIN CONSTRUCTION HALL, AND SEVEN OTHER HULL SECTIONS WERE IN THE STAGING AREA. WORK ON THE NEW CONSTRUCTION HALL WAS CONTINUING.

25X1

NAVAL ORDER OF BATTLE:

25X1

2 Y SSBN  
1 H-III SSBN (AT MAIN QUAY)  
1 E-II SSGN (IN LAUNCH BASIN)  
1 C SSGN (AT EAST QUAY)  
1 402L VESSEL  
1 PM-124 YRSN (AT CALIBRATION QUAY)

1 402C YRSN  
1 112B YRSN  
1 975-CLASS YRSN  
1 925-CLASS YRSN  
1 ARD-D  
1 402H CATAMARAN  
4 RECTANGULAR SPT BARGES  
6 MISCELLANEOUS CRAFT

25X1

25X1

25X1

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KH-4 MISSION 1115-2  
17-29 SEPTEMBER 1971

TABLE 1. DEPLOYED ICBM COMPLEXES, TYURATAM MTC, AND PLESETSK MSC

COMPLEX	SS-7	SS-8	SS-9	SS-11	SS-13	OTHER		TOTALS*	LAUNCH GROUPS		LAUNCHERS	
	TYPE IIA, B & D & IIIA	TYPE IIIC & IIIB	TYPE IIIC	TYPE IIID	TYPE IIIE	TYPE IIIF	UNDET TYPE		IDENTIFIED	NEW THIS MISSION	DROPPED THIS MISSION	
SITES	LAUNCHERS								COMPLETE	INCLUDED IN TOTAL		
ALEYSK			30					30	5	5		
DOMBAROVSKIY★			60			5		65	10	10		
DROVYANAYA★	6	15		50				65	5	5		
GLADKAYA★	3	7		60				67	6	6		
IMENI GASTELLO★			48			5		53	8	8		
ITATKA	3	6						6				
KARTALY★			42			5		47	7	6		
KOSTROMA★	7	15		90				105	9	9		
KOZELSK★		5	12		110			122	11	11		
NOVOSIBIRSK	5	12						12				
OLOVYANNAYA	3	9		90				99	9	9		
OMSK★		1	3					3				
PERM	6	13		80				93	8	8		
SHADRINSK	3	9						9				
SVOBODNY	8	17		60				77	6	6		
TATISHCHEVO				120				120	12	12		
TEYKOVO★	6	12		80				92	8	8		
TYUMEN		2	4					4				
UZHUR★			60			5		65	10	9		
VERKHNYAYA SALDA	9	20						20				
YEDROVO	8	18		110				128	11	11		
YOSHKAR OLA★	6	12			60			72	6	4		
YURYA★	11	25						25				
ZHANGIZ-TOBE★			48			5		53	8	8		
TOTALS	84	190	8	19	288	850	60	25	1432	139	135	

TYURATAM MTC *	TOTAL LAUNCHERS INCLUDES 17 SSM R&D SPACE LAUNCH POSITIONS	78			
PLESETSK MSC *	TOTAL LAUNCHERS INCLUDES 8 SSM R&D SPACE LAUNCH POSITIONS	34			

\*TOTALS DO NOT INCLUDE THE TRAINING SITES AT THE 17 SINGLE-SILO COMPLEXES NOR THE TYPE IID LAUNCH SITES AT THE DERAZHNYA MRBM COMPLEX AND THE PERVOMAYSK IRBM COMPLEX.

\* COMPLEX AT LEAST PARTIALLY COVERED ON THIS MISSION.

PARENS INDICATE POSSIBLE LAUNCHERS AND ARE NOT INCLUDED IN COUNT

25X1

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25X1

25X1

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KH-4 MISSION 1115-2  
17-29 SEPTEMBER 1971

Table 2. SOVIET MRBM AND IRBM DEPLOYMENT

GEOGRAPHIC AREA	SOFT MRBM LAUNCH SITES	SOFT IRBM LAUNCH SITES	HARD MRBM LAUNCH SITES	HARD IRBM LAUNCH SITES	TOTAL LAUNCH SITES	TOTAL LAUNCH POSITIONS
WESTERN	100	10*	18	10	138	542**
CAUCASUS	3		2	3	8	29
CENTRAL ASIA	2	1	1	3	7	25
FAR EASTERN						
TOTALS	105	11	21	16	153	596**

Totals do not include 92 fixed field-type sites with total of 341 launch positions

\*One has only 2 pads

\*\*Totals do not include the 117 inactive launch positions at Anastasyevka, Gvardeysk, Simferopol, Barano-Orenburgskoye, Balta, Uman (2 sites), Paplaka, Mukachevo, Derazhnya (2 sites), Suchan, Kremovo, Kivertsy (1 site), Novosysoyevka, Ugolnyy, Zhitomir (1 site) and Kamenets Podolskiy Complexes

Table 3. TYPE IIID LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES*	LAUNCH GROUPS		LAUNCHERS	
		IDENTIFIED	COMPLETE	NEW THIS MISSION	DROPPED THIS MISSION
				INCLUDED IN TOTAL	
★ DERAZHNYA	60	6	6		
★ PERVOMAYSK	60	6	6		
Totals*	120	12	12		

\*Totals do not include training sites

★ Complexes at least partially covered on this mission

Table 4. TYPE IIIG LAUNCH SITES AT MR/IRBM COMPLEXES

COMPLEX	SITES	LAUNCH GROUPS		LAUNCHERS	
		IDENTIFIED	COMPLETE	NEW THIS MISSION	DROPPED THIS MISSION
				INCLUDED IN TOTAL	
★ DERAZHNYA	33	3			
★ PERVOMAYSK	33	3			
Totals	66	6			

★ Complexes at least partially covered on this mission

25X1

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25X1